To learn more about Samsung SMART CAMERA, please visit
www.samsung.com/NX
www.facebook.com/SamsungCamera

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SAMSUNG

Samsung's versatile NX30 delivers the performance you demand. A 20.3MP APS-C CMOS sensor ensures brilliant images even in low light situations while its next generation hybrid autofocus system provides incredibly accurate and fast focus. It also has a shutter speed that tops out at 1/8000 of a second, letting you capture fast-moving action in crisp images. You can also share your favorite images quickly and easily with an embedded NFC and Wi-Fi features that let you quickly send pictures to your smartphone or tablet simply by touching the camera to the device. Finally, the NX30 boasts a seamless build quality and dynamic design, with outstanding features such as a tiltable electronic viewfinder and a 3-inch Super AMOLED rear touch display that also swivels. The total package is as professional as the images it takes.

Samsung SMART CAMERA
NX30

Captured on Samsung SMART CAMERA NX30

5472 x 3648 pixels

Advanced 20.3MP APS-C CMOS Sensor

Taking the sensor to the next level

The NX30 features a newly developed 20.3MPAPS-C sensor that will be attractive even to the pros. It is ideal for creating rich images with SLR-quality and large enough to give you dramatic foregrounds and spectacular background blur.
The sensor measures23.5mm x 15.7mm and collects light with exceptional efficiency, enabling you to create vivid images with stunning detail even when your image has highlights and shadows. It virtually eliminates noise even in low-lit situations, and can capture full resolution stills at high speeds.
You can also use it to create brilliant cinematic video at 1080/60p Full HD videos.

NX30 APS-C CMOS Sensor

23.5X15.7mm / 370㎟

Micro FourThirds Format

17.3 x 13mm / 225㎟

1″ Sensor

13.2 x 8.8mm / 116㎟

1/2.3″ Sensor

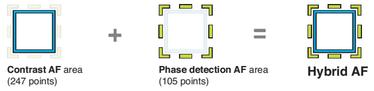
8.8 x 6.6mm / 58㎟

Cross Type Sensor Horizontal Type Senser Vertical Type Sensor

NX AF System II (Advanced Hybrid AF)

Capture with greater clarity and speed

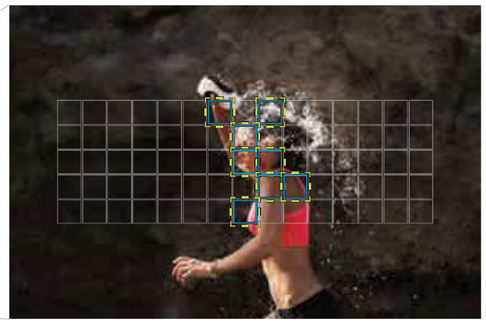
The Samsung NX AF System II gives you the best combination of two AF methods, phase detection AF and contrast AF. Phase detection will give the camera a near instantaneous read on the distance to your subject, while contrast AF picks out the finer points of the image for better accuracy. And there are 105 phase detection points, and 247 contrast AFT points, so your auto focusing will be both quick and accurate. Even when your subjects are of the fast moving variety.



Contrast AF area
(247 points)

Phase detection AF area
(105 points)

Hybrid AF



1/8000 Sec. Shutter Speed

The speed you need for great photographs

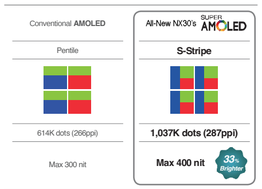
Now you can perfectly capture movement that even your naked eye can't see, with the NX30's amazingly fast 1/8000th of a second top shutter speed. Freeze all the decisive moments, without a hint of motion blur.

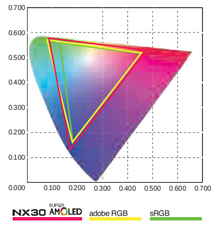
Tiltable EVF
Super AMOLED Swivel and Touch Display

Get a different view of life in true details

The NX30 features an incredibly sharp tilting EVF which lets the user see 100% of the picture area, meaning what you see is the image you'll get. It also has a high resolution 3-inch (75mm) Full VGA Super AMOLED display on the back that lets you review your images and video with incredibly vivid clarity. The display has fast response times, high contrasts, and clear playback without any afterimages. Both displays can be angled to enable you to effortlessly capture dramatic images.

The EVF can tilt up to 80 degrees, while the AMOLED display can be moved side to side up to 180 degrees, and up and down by up to 270. You can shoot at whatever angle you like and even get great selfies. And the display is more than bright enough to be clearly viewed even outdoors in bright sunlight.





1080/60p Full HD Video Stereo Recording

Discover the true beauty of Full HD video

The Samsung SMART CAMERA NX30 may not look like a camcorder, but it captures 1080/60p Full HD video like no camcorder can. With its advanced optical and digital technologies and large APS-C sensor, it delivers smooth cinematic-looking video that compares to even top end video systems. It also has a standard 3.5mm microphone input so you can plug in a high quality microphone and boost the sound quality. You can even record in digital stereo and, using the audio level meter, keep contract track of the input status while you record. The NX30 also lets you live stream with Full HD 30p output, making it easy to view on a large screen, send to a stand-alone recorder, and other HDMI devices.

DRIMe IV Image Engine

A powerful processor for powerful photographs

The Samsung SMART CAMERA NX30 is powered by Samsung's next-generation DSP imaging engine, the DRIMe IV image processor. Its exceptional color accuracy, noise reduction and fast performance enable you to capture the special moments in your life just the way you remember them.
Furthermore it's optimized for Full HD movie recording—even in three vivid dimensions. In addition, the NX30's DRIMe IV image processor excels at data processing and has new complex algorithms—such as DIS (Digital Imaging Stabilizer), HDR (High Dynamic Range) / LLS (Low Light Shot), EFS (Electronic Front Shutter), and 3DNR (3D Noise Reduction) — all designed so you can create quality images and movies in any situation.

HDR Processing

Continuous Shoot 9FPS

Capture the moment within a moment

Fast moving action is not a challenge for the SMART CAMERA NX30. It has an ultrafast shooting speed of 9 frames per second, letting you truly seize those fleeting moments with a continuous shot sequence. Entire sequences can be captured in a series of brilliantly clear stills that you will marvel at.
The camera also boasts plenty of memory and processing power, so there is a large buffer that lets you shoot continuously for long sequences. With the NX30 you'll never miss a once-in-a-lifetime moment.

ISO 100 - 25600

Wide Range ISO up to 25600

High ISO sensitivity gives you the confidence you need to shoot even in dark conditions.
The NX30 lets you shoot up to an incredibly high ISO of 25600, which means you can also snap high speed photos with minimal noise and blurring, creating rich tonal gradations and faithful colors. It's perfect for fast-paced sports scenes. And, the high ISO setting can also transform a typical indoor or late night scene into a natural-looking clear, well-exposed shot even without a flash.

OLED Color

Emotive color reproduction

Optimized for OLED displays, Samsung OLED Color vividly reproduces your precious moments. Samsung OLED Color records the ultimate contrast and real colors. Now your landscapes will be richer and more vibrant, and your portraits more natural in tone.

OLED Color ON OLED Color OFF

i-Function system

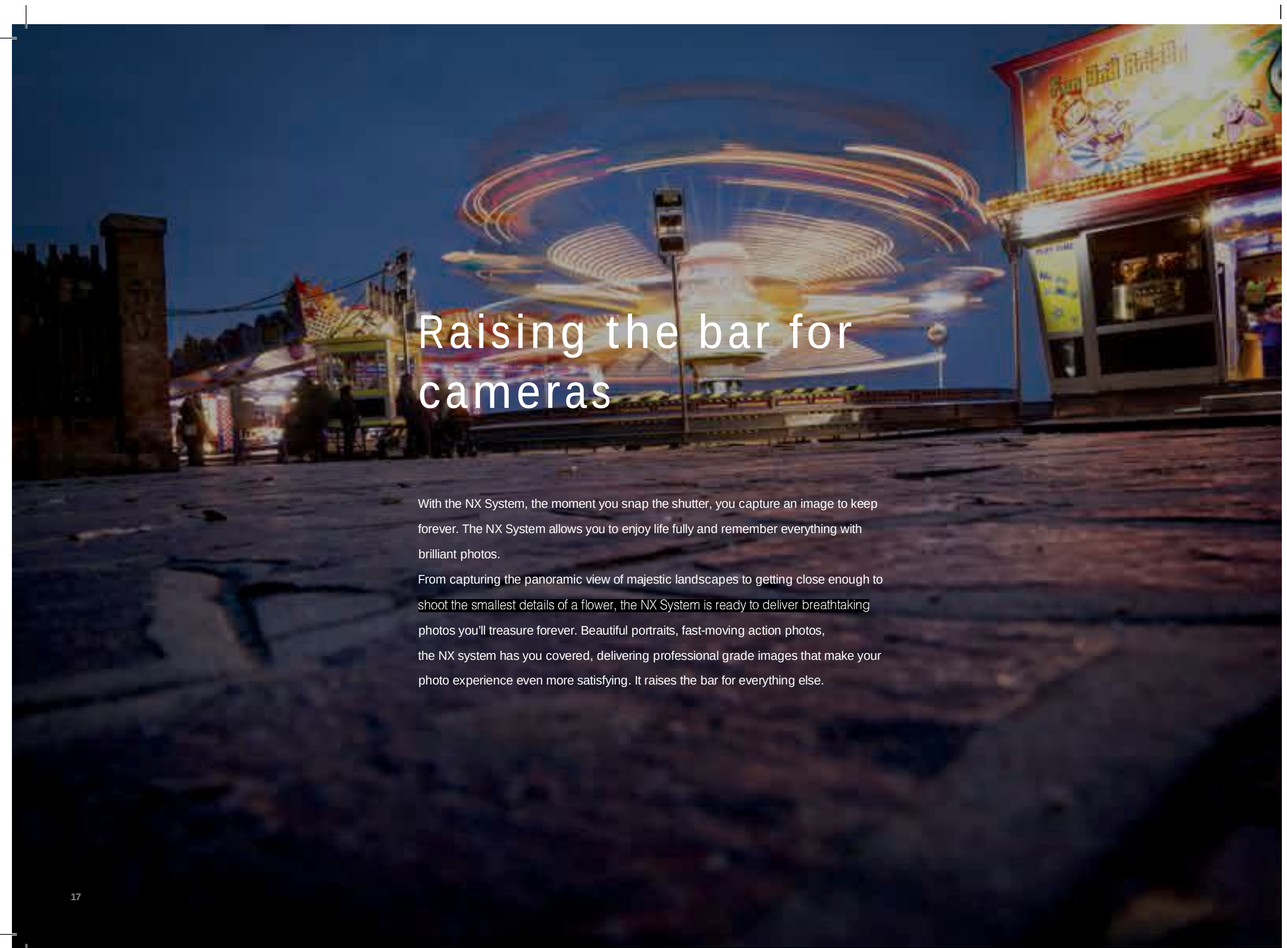
Take control with i-Function lens

The i-Function feature puts your most frequently used camera setting on a special, easy-to-access button, right on the lens. You can configure it how you want, controlling key settings like shutter speed, aperture, ISO, EV, white balance, contrast and more. Designed for amateurs and pros alike, now you won't miss any shots as you're hunting through menus to set the shot. There is also an i-Function Plus for advanced users who want to reprogram existing buttons with their preferred and frequently used settings. Users can preset up to 3 shortcut keys.

3D Photo & Video Rec

True 3D Creator (45mm 2D/3D Lens only)

Make vacation stills and videos pop off the screen with Samsung's True 3D Creator.
The Samsung SMART CAMERA NX30 features the world's first single-lens system for capturing 2D and 3D images and videos. It lets you shoot stills and movies in 3D using Samsung's special 45mm 2D/3D lens. When your friends and family back home see your shots in stunning 3D on a compatible 3D HDT, they will feel like they were there on the adventure with you.



Raising the bar for cameras

With the NX System, the moment you snap the shutter, you capture an image to keep forever. The NX System allows you to enjoy life fully and remember everything with brilliant photos.

From capturing the panoramic view of majestic landscapes to getting close enough to shoot the smallest details of a flower, the NX System is ready to deliver breathtaking photos you'll treasure forever. Beautiful portraits, fast-moving action photos, the NX system has you covered, delivering professional grade images that make your photo experience even more satisfying. It raises the bar for everything else.

NX Series

NX30

Discover Life's Hidden Moments

NX300M

Shoot Fast. Share Faster.
- Capture Life from The Right Angle.

NX300

Shoot Fast. Share Faster.

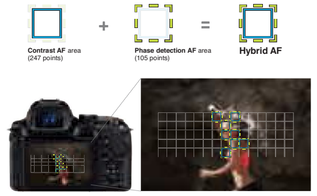
NX2000

More Detail in Every Moment

NX30 Discover life's hidden moments

Advanced 20.3M APS-C CMOS Sensor

Worthy of professional photographers, but made for the enthusiast, the 20.3MP APS-C CMOS sensor—now with Phase detection AF—lets you capture high-quality images and lifelike colors in high resolution. Measuring 23.5mm x 15.7mm, the 20.3MP APS-C CMOS sensor collects the maximum amount of light so you can create brilliant images without noise, even in low-lit situations.



NX AF system II (Advanced Hybrid AF)

The Samsung NX AF System II combines Phase detection AF and contrast AF methods, letting you enjoy both fast and accurate auto focusing. The NX30 has more than105 phase detection AF points and 247 contrast AF points for quick and precise focusing every time.

1 / 8000 Sec. Shutter Speed

Freeze the ultimate decisive moment with the Samsung SMART CAMERA NX30, which boasts a top shutter speed of 1/8000 of a second. With this fast shutter and quick autofocus system, you can perfectly capture movement far removed from what the naked eye can see, without even a hint of motion blur.

Tag&go NFC Wi Fi

The NX30 uses Wi-Fi and NFC technologies to open up a whole new world of sharing possibilities. Photo Beam lets you transfer an image to a smartphone or tablet by simply touching the two devices together, and MobileLink lets you select multiple images and send them to up to 4 smart devices at once. AutoShare automatically sends every photo you take instantly to your smartphone or tablet, and the Remote Viewfinder Pro function enables you to adjust camera settings and more from a smartphone. With Tag&Go(NFC/Wi-Fi), sharing incredible images quickly has never been easier.

2,359K dots Tiltable EVF
Super AMOLED Swivel and Touch Display

The Samsung SMART CAMERA NX30 empowers you without standing usability and an incredibly flexible shooting experience. The swivel display on the back flips up and down 270° and pivots180° horizontally to let you frame and capture highly dramatic images. Plus, the tilting EVF uses an incredible 2,359K dots resolution with 100% frame coverage to give you a perfect picture of the image you are about to capture.

1080/60p Full HD Video • Stereo Recording

Shoot smooth cinematic-looking videos that rival far more expensive video systems. With a standard 3.5mm microphone input you're free to use a separate microphone and capture impressive stereo sound. An Audio Level Meter which appears on the display so you can continuously monitor the audio input level status while recording. Plus, it's easier to view on a large screen thanks to HDMI live streaming with Full HD 30p output.

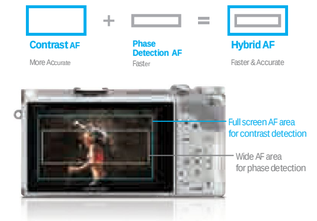
NX300M Shoot fast. Share faster. – Capture life from the right angle.

Advanced 20.3M APS-C CMOS Sensor

The NX300M empowers you to take picture perfect images, each and every time. Each individual pixel on the large sensor receives more light, letting you create out-of-focus effects and guaranteeing low noise levels and a high dynamic range. It also has an evolved AF module that gives you high quality images with every detail. With the highest resolution in its class, this sensor delivers amazingly brilliant colors that are crisp and true to reality, even in low light conditions.

3.31 Wide 180° flip & touch AMOLED

Featuring a 3.31" tilt display that flips up 180 degrees, the NX300M lets you capture life from the right angle every time. It's perfect for snapping self-portraits and group -selfies. It also has a hybrid user interface that combines the AMOLED touchscreen with a 5-way button so you can navigate the menu, adjust settings and share images—quickly and intuitively.



Advanced Hybrid AF System

The newly developed advanced auto focus system gives you both speed and accuracy. The NX300M has 105 phase detection AF points and 247 contrast detection AF points for more and wider accurate focusing, so you get perfect results every time.

Smart Camera 2.0 (Dual Band Wi-Fi)

Connect to your world—and to your smart devices. A dedicated Direct Link hot key lets you quickly and wirelessly send images to a mobile phone, tablet, PC or Smart HDTV—directly from your camera. It's perfect for sharing moments with friends, family and your favorite social networks. The Samsung SMART CAMERA NX300M also includes Dual band (2.4GHz and 5GHz) support so you can connect faster and with more stability to wireless networks around you.

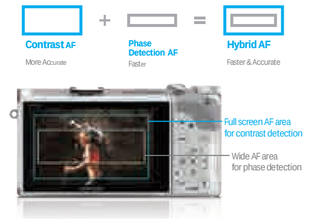
1/6000 sec Shutter Speed

Boasting a shutter speed of 1/6000 sec, the Samsung SMART CAMERA NX300M lets you create great photography at every shooting session. With that fast shutter speed—and the fast autofocus system—you can capture a breathtakingly sharp image of a skater whipping by or a snowboarder inmidair, without a hint of motion blur.

Continuous shooting 8.6FPS

When you shoot fast-moving action scenes, such as a tennis player stretching for a shot at the net, effortlessly capture the entire sequence with a series of brilliantly clear stills and then choose the best images. The Samsung SMART CAMERA NX300M lets you shoot continuously at an ultrafast rate of 8.6 frames per second to ensure you get the shot you want.

NX300 Shoot fast. Share faster.



Advanced Hybrid AF System

The newly developed advanced auto focus system allows you to enjoy both speed and accuracy. NX300 has 105 phase detection AF points, and 247 contrast detection AF points for more and wider accurate focusing, so you get perfect results every time.

20.3MP APS-C CMOS Sensor

NX300 allows perfect shooting as each individual pixel has a large sensor area and receives more light, giving you out-of-focus effects on demand, and guaranteeing low noise and high dynamic range. Picture perfect images every time. And the evolved AF module that was added makes sure that you'll have high quality images with every detail, and amazingly brilliant colors that are crisp and true to reality, even in low light conditions.

SMART CAMERA 2.0 (Dual Band Wi-Fi)

With dual band Wi-Fi Connectivity, you can share your special photos and videos with your friends and family - even when you're on the move. Your SMART CAMERA experience transforms everyday life into the extraordinary. Share your favorite moments instantly with Wi-Fi and upload photos to your social media stream or the cloud. You can even email images directly from the camera to other SMART devices.

1/6000 sec Shutter Speed
8.6 FPS Continuous Shooting

The NX300 features super-fast high speed capture, providing a simple yetsophisticated way to capture images in total focus, while a short shutter release lag helps you capture the fleeting moment before the subject moves out of frame. The shutter speed tops out at a blazing fast 1/6000sec and you can enjoy continuous shooting sequences of 8.6FPS continuous shooting. Now you'll never miss a moment or any of the detail.

True 3D Creator

The True 3D Creator is the world's first one lens system 2D/3D interchangeable lens that can capture both 3D still image and Full HD video. The new 45mm lens captures your special moments in 2D and with a touch of a button you can easily change to 3D. Be ready to create real 3D content using still images and videos and enjoy it like never before.

AMOLED Tilt Display

Experience the new world of image capturing through a large 3.31□ AMOLED screen. The touch screen will make usage easier and simpler with a highly intuitive and unique user interface, and the tilting display will make it easier for you take high and low angle shots allowing you to capture a complete different view of the world.

NX2000 More detail in every moment

20.3MP APS-C CMOS Sensor

You may not be a professional photographer, but with the 20.3MP APS-C CMOS sensor you can easily shoot like one. The sensor offers the highest resolution in its class to help you capture high-quality images with lifelike colors. With its large size you can brilliantly separate your subject from the background – blurring out your subjects surroundings and making them really stand out – just like the pros do.

3.7" WVGA(93.8mm) Full Touch Screen

The NX2000 boasts the largest screen in its class, with a stunning 3.69" (93.8mm) WVGA display that serves up plenty of space for reviewing and editing your masterpieces.* You get full touch-screen action, with no physical menu buttons taking up valuable real estate. The convenient Pinch Zoom lets you pinch in and out of the Auto Focus box or zoom in and out on pictures in playback mode. The display offers up the full spectrum of colors, so what you see on the screen matches what you shoot.

AutoShare

The NX2000 takes photography to a whole new level with its ability to connect to your smartphone or tablet via Wi-Fi. Simply install the Samsung Smart Camera app on your smart device (Android & iOS) to take advantage of a variety of Wi-Fi features. With AutoShare every picture you take is sent to your Smartphone or tablet as you take them for easy sharing and backup. And with NFC, simply tap your smart device to the camera and the Wi-Fi connection is automatically established.

Smart mode

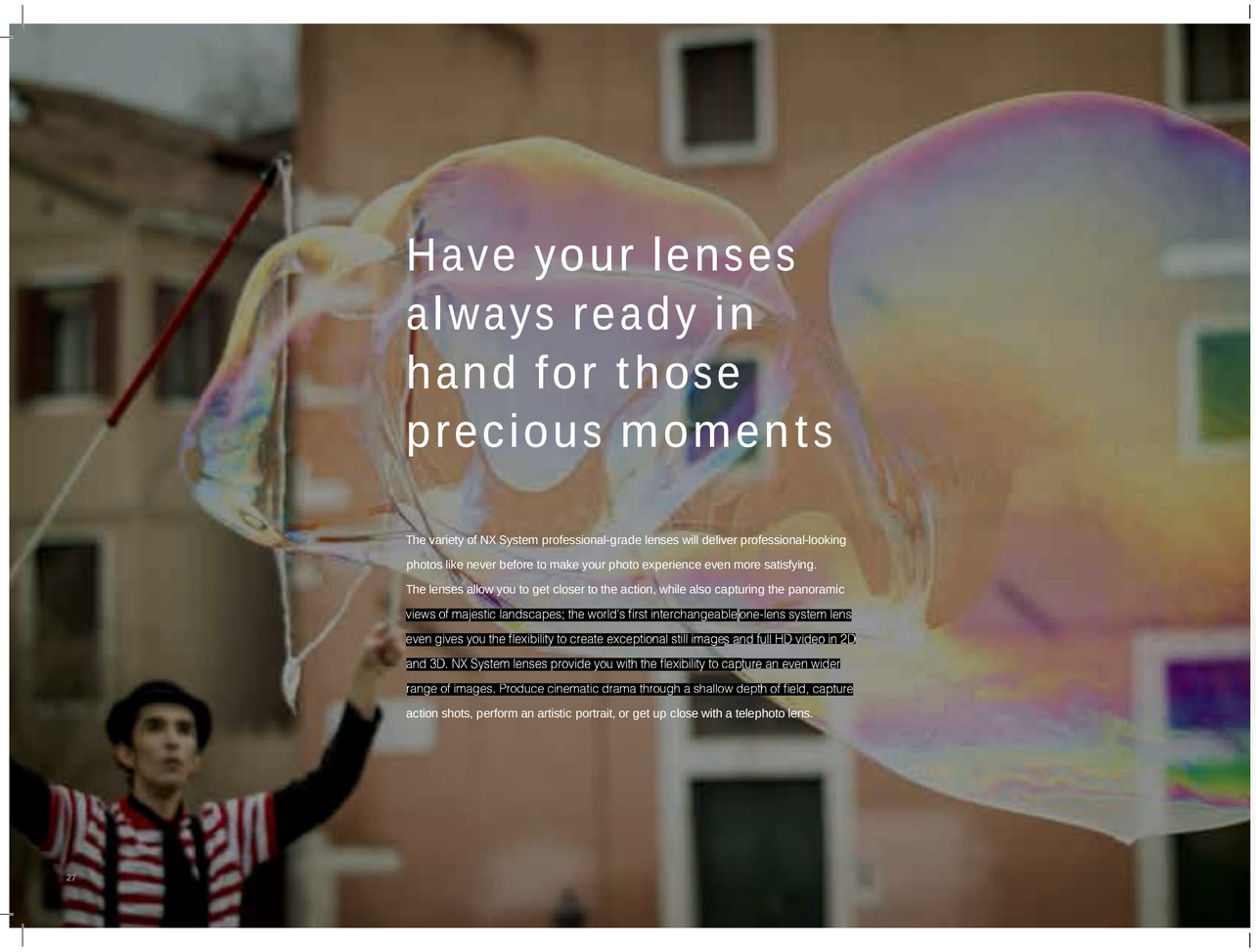
The pictures you take will tell stories that rival those created by professionals. With a variety of Smart Mode settings such as Waterfall and Light Trace you'll be able to capture the beauty of cascading water or flowing light trails. Use Action Freeze to capture the fast-paced action around you, or with Rich Tone you can merge several photos create truly evocative images automatically. Let Smart Modes enhance theemotion of any scene or moment you capture.

3D Still & Moive Recording

Make vacation stills and videos pop off the screen with True 3D Creator. The interchangeable-lens system of the Samsung SMART CAMERA NX2000 lets you shoot stills and movies in 3D via Samsung 45mm 2D/3D lens. When you're done shooting, let your friends back home feel as if they were there with you, with stunningly vivid adventures on a compatible 3D HDTV.

Adobe Photoshop Lightroom 4

Adobe Photoshop Lightroom 4 is the perfect match with the NX2000 to bring out all the details for crisp professional looking photos. Organize photos by the location they were taken with GPS tagging. View and make adjustments to video clips, turn them into still images, or trim and edit according to your needs.



Have your lenses always ready in hand for those precious moments

The variety of NX System professional-grade lenses will deliver professional-looking photos like never before to make your photo experience even more satisfying. The lenses allow you to get closer to the action, while also capturing the panoramic views of majestic landscapes; the world's first interchangeable one-lens system lens even gives you the flexibility to create exceptional still images and full HD video in 2D and 3D. NX System lenses provide you with the flexibility to capture an even wider range of images. Produce cinematic drama through a shallow depth of field, capture action shots, perform an artistic portrait, or get up close with a telephoto lens.

PROFESSIONAL STANDARD ZOOM LENS

16-50mm F2-2.8 S ED OIS

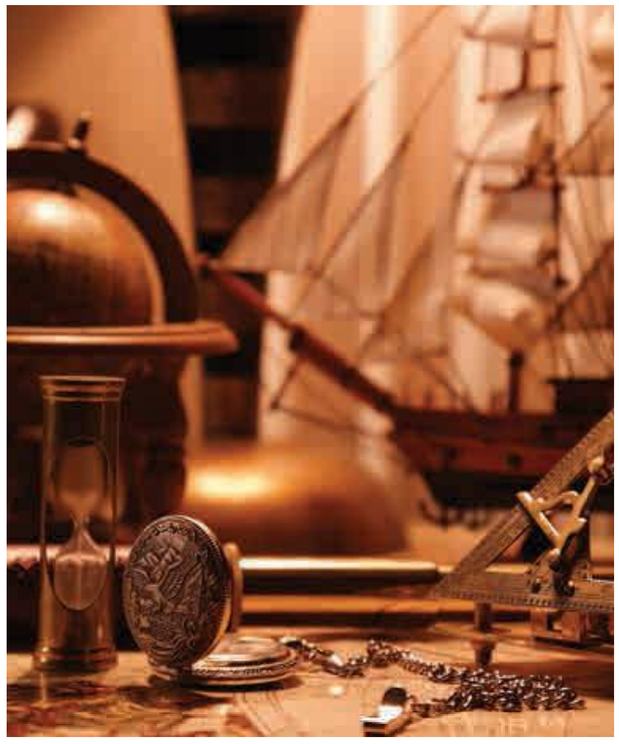
New

LENS FOR BEST PERFORMANCE

Samsung's new series of professional camera lenses, the Samsung Premium Lens S, is built for photographers looking to elevate their creativity. It features the brightest aperture F2-2.8 in its class, a fast, whisper-quiet inner focus system and a high-performance Ultra-Precise Stepping Motor(UPSM).

■ BLACK

FOCAL LENGTH
16-50mm (Equivalent to 24 - 77mm in 35mm format)
ELEMENTS IN GROUPS
18 elements in 12 groups (3 Aspherical lenses, 2 Extra-low Dispersion lenses, 2 Xtreme High Refractive lenses)
APERTURE
F2-2.8 (Min. F22), (Number of Blades : 9, Circular Aperture Diaphragm)
MOUNT TYPE Samsung NX Mount
OPTICAL IMAGE STABILIZER Included
DIMENSIONS 81 x 96.5mm
WEIGHT APPROX. 622g **FILTER SIZE** 72mm



Capture stunningly creative photos – Its bright aperture lets you create sharp and high contrast images even at the maximum aperture with reduced noise.

* Specifications and features per country may vary from the specifications and features provided here.
* Specifications and features are subject to change without prior notice.

STANDARD POWER ZOOM LENS

16-50mm

F3.5-5.6 Power Zoom ED OIS

New

LENS FOR EASY EVERYDAY USE

Samsung's 16-50mm power Zoom is compact and equivalent to a standard 24-77mm zoom. it features excellent usability and portability making it the ideal choice for everyday use and travel. With advanced OIS and power zoom, it's easy to capture great photos and smooth videos.

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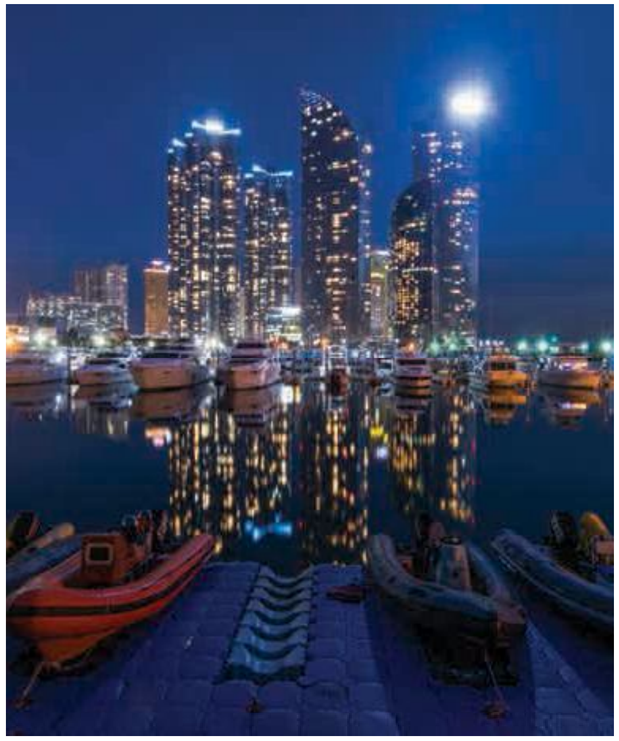
FOCAL LENGTH
16-50mm (equivalent to 24 - 77mm in 35mm format)
ELEMENTS IN GROUPS
9 elements in 8 groups (4 aspherical lenses, 1 extra-low Dispersion lens)
APERTURE
F3.5-5.6 (Min. F22), (Number of Blades : 7, Circular Aperture Diaphragm)
MOUNT TYPE Samsung NX Mount
OPTICAL IMAGE STABILIZER Included
DIMENSIONS 64.8 x 31mm
WEIGHT APPROX. 111g
FILTER SIZE 43mm

The all-round 16-50mm zoom helps you create beautiful portraits, amazing landscapes and everything in between. With its advanced OIS, you can shoot with perfect clarity even in low lit conditions.



With the ultra-wide angle, this lens creates both dramatic landscapes, and also facilitates shooting in confined interior spaces. it is great for producing great images of the beautiful ocean, busy cities, inside homes and restaurants, and travel photography.

ULTRA WIDE ZOOM LENS

12-24mm F4-5.6 ED

LENS FOR WIDE SCENERY

This ultra wide angle zoom lens can capture majestic panoramic landscapes and is ideal for architecture and indoor scenes. With its stepping motor and inner focus it's fast to focus and extremely quiet.

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FOCAL LENGTH
12-24mm (Equivalent to 18.5 - 37mm in 35mm format)
ELEMENTS IN GROUPS
10 elements in 8 groups (2 Aspherical lenses, 1 Extra-low Dispersion lens)
APERTURE
F4-5.6 (Min. F22), (Number of Blades : 7, Circular Aperture Diaphragm)
MOUNT TYPE Samsung NX Mount
OPTICAL IMAGE STABILIZER Not Included
DIMENSIONS 63.5 x 65.5mm
WEIGHT APPROX. 208g
FILTER SIZE 58mm

STANDARD ZOOM LENS

18-55mm F3.5-5.6 OIS III

LENS FOR EVERYDAY

This standard zoom lens provides superb versatility in a wide variety of shooting situations. Built with a lens-shift type optical image stabilizer system it produces amazingly crisp and clear images.

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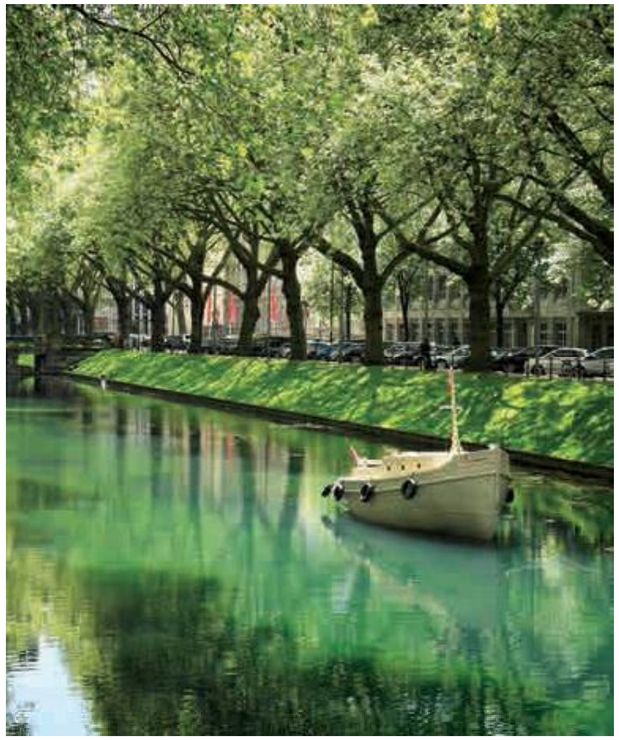
FOCAL LENGTH
18-55mm (Equivalent to 27.7-84.7mm in 35mm format)
ELEMENTS IN GROUPS
12 elements in 9 groups (1 Aspherical lens)
APERTURE
F3.5-5.6 (Min. F22), (Number of Blades: 7, Circular Aperture Diaphragm)
MOUNT TYPE Samsung NX Mount
OPTICAL IMAGE STABILIZER Included
DIMENSIONS 63 x 65.1mm
WEIGHT APPROX. 204g
FILTER SIZE 58mm

Capture different angles of view at different levels of zoom, allowing users to capture images of uncompromising quality in any environment to capture your daily life. Shoot photos of a perfect day at the zoo with your children, your sister's wedding, or capture night scenes like never before.



With the great portability, it is perfect for casual everyday shooting; to capture your children's expressions, a day at the amusement park to the mouthwatering scene of the autumn trees.

STANDARD ZOOM LENS

20-50mm F3.5-5.6 ED II

LENS FOR PORTABILITY

While it may be small, this zoom lens delivers big results. Crafted with an Extra-low Dispersion (ED) lens elements for accurate color and profound sharpness this multipurpose zoom lens is perfect for everything from portraits to landscapes and its retractable design makes it even more compact when carrying around.

■ BLACK □ WHITE ■ PINK

FOCAL LENGTH
20-50mm (Equivalent to 30.8-77mm in 35mm format)
ELEMENTS IN GROUPS
9 elements in 8 groups (1 Aspherical lens, 1 Extra-low Dispersion lens)
APERTURE
F3.5-5.6 (Min. F22), (Number of Blades : 7, Circular Aperture Diaphragm)
MOUNT TYPE Samsung NX Mount
OPTICAL IMAGE STABILIZER Not Included
DIMENSIONS 63.2 x 39.8mm
WEIGHT APPROX. 119g
FILTER SIZE 40.5mm

SUPER ZOOM LENS

18-200mm F3.5-6.3 ED OIS

LENS FOR ULTIMATE VERSATILITY

Designed for multi-function use, this lens is capable of shooting a wide variety of different subject matter. From panoramic landscapes to intimate portraits to close ups of distant subjects as well as extremely high quality videos. It's built with a voice coil motor for smooth and for consistency focus subject tracking.

■ BLACK

FOCAL LENGTH
18-200mm (Equivalent to 27.7-308mm in 35mm format)
ELEMENTS IN GROUPS
18 elements in 13 groups (3 Aspherical lens, 2 Extra-low Dispersion lens)
APERTURE
F3.5-6.3 (Min. F22), (Number of Blades : 7, Circular Aperture Diaphragm)
MOUNT TYPE Samsung NX Mount
OPTICAL IMAGE STABILIZER Included
DIMENSIONS 72 x 105.5mm
WEIGHT APPROX. 549g
FILTER SIZE 67mm

Enjoy full motion filming without auto focusing noise; shoot high-quality videos of your friends enjoying the sunny day at the park, children riding bicycles, or your daughters ballet recital.

telephoto Zoom lens ensures outstanding image quality for fast-paced action shooting, long-distance landscapes and incredible close-ups. Safe keep photos of your son's soccer match, family skiing or trips, to the summer beach house.

TELEPHOTO ZOOM LENS

50-200mm F4- 5.6 ED OIS III

LENS FOR ACTION SHOOTING

Built with a lens-shift image stabilizer and Extra-low Dispersion (ED) lens elements every photo is crisp and sharp. this lens has angles of view from medium to extreme telephoto making it great for capturing close-up shots of far away subjects. use in a variety of ways including sports, distant mountain landscapes and portraits.

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FOCAL LENGTH
50-200mm (Equivalent to 77-308mm in 35mm format)
ELEMENTS IN GROUPS
17 elements in 13 groups (2 Extra-low Dispersion lens)
APERTURE
F4.0-5.6 (Min. F22), (Number of Blades: 7, Circular Aperture Diaphragm)
MOUNT TYPE Samsung NX Mount
OPTICAL IMAGE STABILIZER Included
DIMENSIONS 70 x 100.5mm
WEIGHT APPROX. 406g
FILTER SIZE 52mm

ULTRA WIDE PRIME LENS

16mm F2.4

LENS FOR WIDE SCENERY

This "pancake" style lens is the perfect marriage between performance and compact styling with its portable and lightweight design.
Its 24.6mm focal length (in 35mm format) makes it perfect for shooting landscapes and wide angle shots. With a wide F2.4 aperture it's also great in low light.

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FOCAL LENGTH
16mm (Equivalent to 24.6mm in 35mm format)
ELEMENTS IN GROUPS
7 elements in 6 groups (2 Aspherical lens)
APERTURE
F2.4 (Min. F22), (Number of Blades: 7, Circular Aperture Diaphragm)
MOUNT TYPE Samsung NX Mount
OPTICAL IMAGE STABILIZER Not Included
DIMENSIONS 61 x 24mm
WEIGHT APPROX. 72g
FILTER SIZE 43mm

Capture a wide angle shot as the compact lens can fit the whole scene in one image, something you can't even see with the naked eye.
Shoot expansive landscapes when you are travelling or wide angle shots of the mesmerizing view.

The lens captures each detail with clarity, creating more drama in every photo, great when capturing the wide scenery of the vivid emerald fields or the penetrating blue sky.

WIDE PRIME LENS

20mm F2.8

LENS FOR ANYTHING

This versatile "pancake" style lens can create dramatic photos in a variety of situations. Its 30.8mm focal length (in 35mm format), F2.8 aperture and compact and lightweight design make it the ideal lens to use when you don't want to carry your whole system.

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FOCAL LENGTH
20mm (Equivalent to 30.8mm in 35mm format)
ELEMENTS IN GROUPS
6 elements in 4 groups (1 Aspherical lens)
APERTURE
F2.8 (Min. F22), (Number of Blades: 7, Circular Aperture Diaphragm)
MOUNT TYPE Samsung NX Mount
OPTICAL IMAGE STABILIZER Not Included
DIMENSIONS 62.2 x 24.5mm
WEIGHT APPROX. 73g
FILTER SIZE 43mm

STANDARD PRIME LENS

30mm F2

LENS FOR SNAPSHOTS

Compact and portable, with a 46.2mm focal length (in 35mm format) and F2.0 maximum aperture it can capture exceptionally sharp and bright images – even in low-light situations like indoor photos or night scenes.

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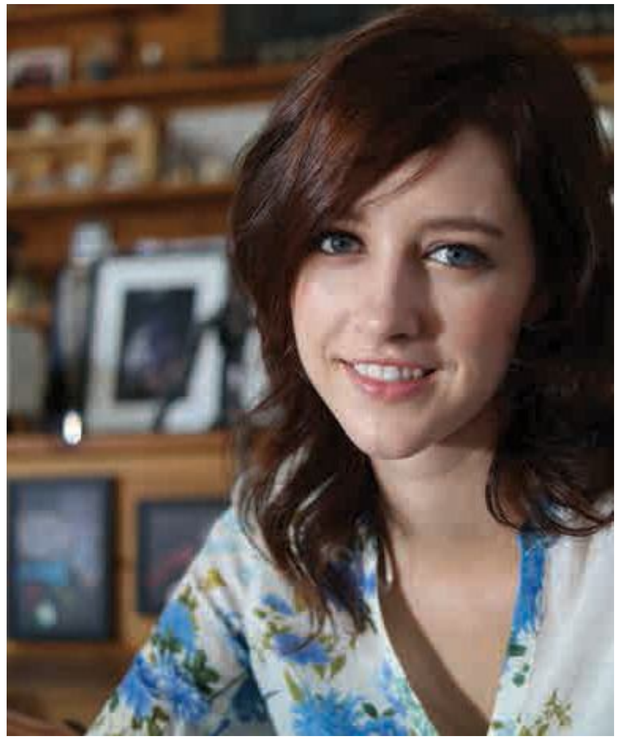
FOCAL LENGTH
30mm (Equivalent to 46.2mm in 35mm format)
ELEMENTS IN GROUPS
5 elements in 5 groups (1 Aspherical lens)
APERTURE
F2.0 (Min. F22), (Number of Blades: 7, Circular Aperture Diaphragm)
MOUNT TYPE Samsung NX Mount
OPTICAL IMAGE STABILIZER Not Included
DIMENSIONS 61.5 x 21.5mm
WEIGHT APPROX. 81g
FILTER SIZE 43mm



Capture exceptionally bright and clear images everywhere, from the night scene of the city, stunningly vivid colors of a flower, to family dinners at home, the lens produces no ghosts of flaring, capturing breathtaking details.

Capture your special moments in a more realistic way, perfect for portraits where each special expression comes to life.

MID-TELEPHOTO PRIME LENS

45mm F1.8

LENS FOR PORTRAITS

This compact and lightweight lens will capture crisp and strikingly clear photos in a variety of settings. With its fast F1.8 aperture this lens also excels in low light situations such as indoor sports.
Plus its stunning shallow depth of field and medium telephoto focal length make it great for shooting portraits.

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FOCAL LENGTH
45mm (Equivalent to 69.3mm in 35mm format)
ELEMENTS IN GROUPS
7 elements in 6 groups
APERTURE
F1.8 , (Number of Blades : 9, Circular Aperture Diaphragm)
MOUNT TYPE Samsung NX Mount
OPTICAL IMAGE STABILIZER Not Included
DIMENSIONS 62.0 x 44.5mm
WEIGHT APPROX. 115g (without hood)
FILTER SIZE 43mm

TELEPHOTO PRIME LENS

85mm F1.4 ED SSA

LENS FOR ARTISTIC PORTRAITS

The large caliber lens and fast F1.4 aperture allow for excellent out- of-focus effects and high resolution images, while also providing very shallow depth of field. built-in supersonic actuator and full time manual focus allow for extremely fast autofocus and precise manual focus.

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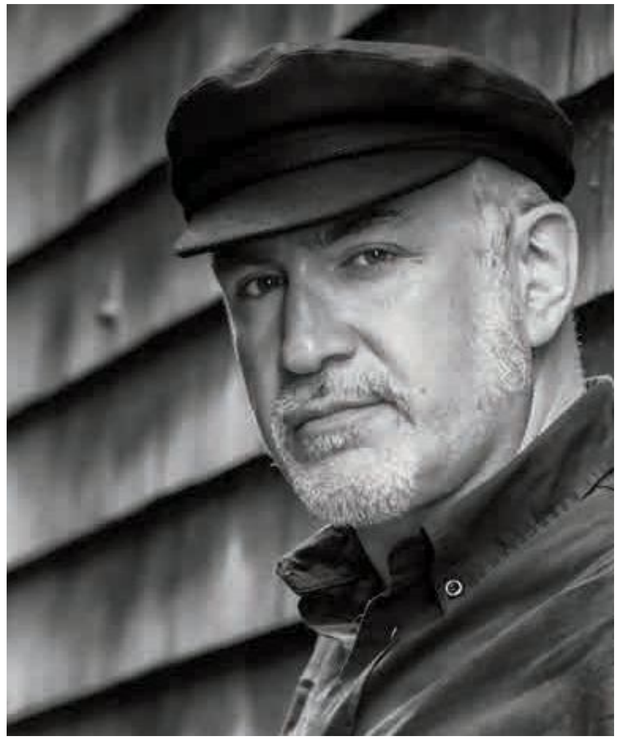
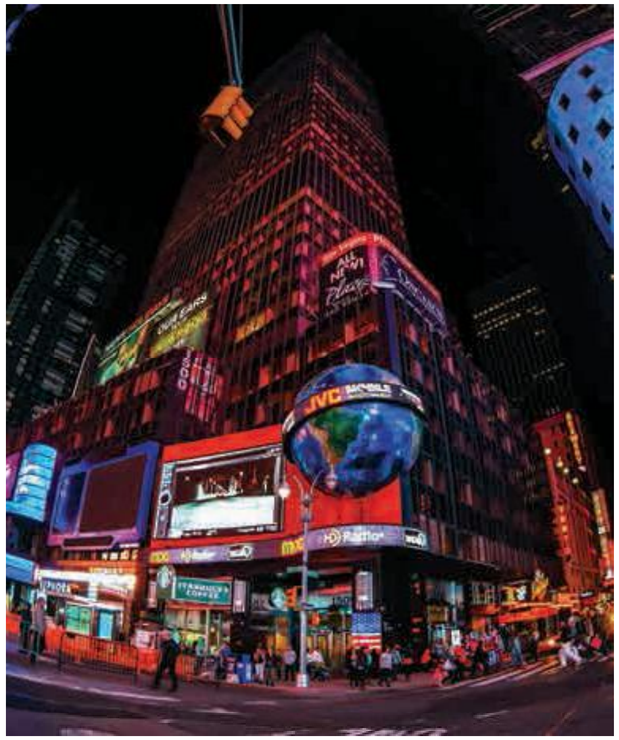
FOCAL LENGTH
85mm (Equivalent to 130.9mm in 35mm format)
ELEMENTS IN GROUPS
10 elements in 8 groups (1 Extra-low Dispersion lens)
APERTURE
F1.4 (Min. F22), (Number of Blades: 9, Circular Aperture Diaphragm)
MOUNT TYPE Samsung NX Mount
OPTICAL IMAGE STABILIZER Not Included
DIMENSIONS 79 x 92.2mm
WEIGHT APPROX. 699g
FILTER SIZE 67mm



the fast af and precise Mf doesn't let you miss photo opportunities as it quietly but quickly captures every precious moment. Capture a girl smiling while the sun softly shines on her face, your puppy looking at you with sad eyes, the lens captures beautiful and natural daily life portraits for you to cherish.



Fisheye lens with creative wide angle, you can experience unique images and joyful distortion. Shoot wonderful night shots from the top of the high-rise building, a jagged skyline with dazzling blue sky, or capture funny and humorous photos bulging your friends' face.

FISHEYE LENS

10mm F3.5 Fisheye

New

LENS FOR A UNIQUE AND FUN PERSPECTIVE

The 10mm fisheye lens lets you capture unique and fun images, as well as exhilarating scenery wider than the eye can see. Shoot inspiring sun-sets and night shots, and create special memories of magical moments. Because this 10mm fisheye lens is the most compact and the lightest fisheye lens available, you'll always have the power of a 180 degree an-gle of view at your fingertips.

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FOCAL LENGTH
10mm (Equivalant to 15.4mm in 35mm format)
ELEMENTS IN GROUPS
7 elements in 5 groups (1 Aspherical lens)
APERTURE
F3.5 (Min. F22), (Number of Blades: 7)
MOUNT TYPE Samsung NX Mount
OPTICAL IMAGE STABILIZER Not Included
DIMENSIONS 58.8 x 26.3mm
WEIGHT APPROX. 72g

MID-TELEPHOTO PRIME LENS

45mm F1.8 [T6] 2D/3D Lens

LENS FOR REALITY [2D/3D STILL & VIDEO]

The world's first single-lens 3D-capable lens can capture both 3D still images and full HD 3D video, while it delivers an extremely realistic 3D effect to capture your special moments in three vivid dimensions, it also captures great 2D stills and video. Simply slide the 2D/3D switch to change modes.

■ BLACK □ WHITE

FOCAL LENGTH
45mm (Equivalent to 69.3mm in 35mm format)
ELEMENTS IN GROUPS
7 elements in 6 groups
APERTURE
F1.8 (in 2D Mode), (Number of Blades : 9, Circular aperture Diaphragm)
MOUNT TYPE Samsung NX Mount
OPTICAL IMAGE STABILIZER Not Included
DIMENSIONS 62.0 x 44.5mm
WEIGHT APPROX. 122g
FILTER SIZE 43mm

Bring your photos to life each time you snap a shot. Take beautiful out-of-focus images in 2D mode, and create videos and stills in vivid 3D have images pop out of your screen.

Get up-close, ultra close to the finest details nature has provided for you, take professional-looking close-up shots to capture individual drops of water, the scrumptious looking orange, bursting colors of the crayons and more.

MACRO LENS

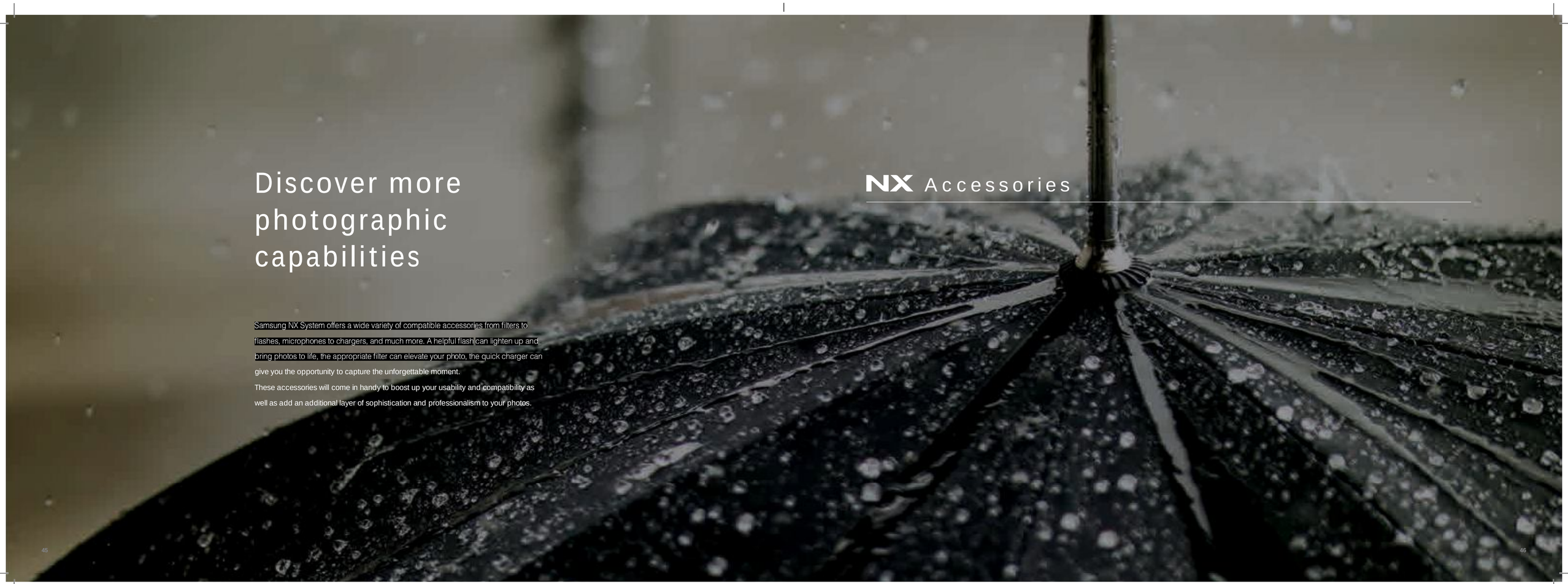
60mm F2.8 Macro ED SSA OIS

LENS FOR CLOSE-UPS

Capture amazing close-up images with this true 1:1 macro lens. Optical Image Stabilization and fast F2.8 aperture ensure shots are sharp and vivid. While ideal for taking pictures at close distances this prime lens is great for many purposes including beautiful portraits.

■ BLACK

FOCAL LENGTH
60mm (Equivalent to 92.4mm in 35mm format)
ELEMENTS IN GROUPS
12 elements in 9 groups (1 Aspherical lens, 1 Extra-low Dispersion lens)
APERTURE
F2.8 (Min. F32), (Number of Blades: 7, Circular Aperture Diaphragm)
MOUNT TYPE Samsung NX Mount
OPTICAL IMAGE STABILIZER Included
DIMENSIONS 73.5 x 84mm
WEIGHT APPROX. 373g
FILTER SIZE 52mm



Discover more photographic capabilities

NX Accessories

Samsung NX System offers a wide variety of compatible accessories from filters to flashes, microphones to chargers, and much more. A helpful flash can lighten up and bring photos to life, the appropriate filter can elevate your photo, the quick charger can give you the opportunity to capture the unforgettable moment.
These accessories will come in handy to boost up your usability and compatibility as well as add an additional layer of sophistication and professionalism to your photos.

Samsung Flash

Capture the details of every image whether you're shooting at night or under low-light situations.

SEF580A

For professional and batter flash photography

The Samsung SEF580A is a powerful intensive light, which is perfect for long range shots both indoors and outdoors and with its stand out ability to control the light intensity, and auto/manual burst modes and swivel head for bouncing light.

Flash range	24 - 105 mm (when equipped with a wide-angle panel: 12 mm)
Usable Camera	Samsung NX System Cameras
Guide Number (Based on ISO 100)	55
Bounce Flash Angle	Vertical direction: 0, 45, 60, 75, 90° Clockwise direction: 0, 60, 90, 120° Counterclockwise direction: 0, 60, 90, 120, 150,180°
Manual light output (in 1/3 increments)	1/1, 1/2, 1/4, 1/8, 1/16, 1/32, 1/64, 1/128, 1/256
Flash Metering Control	A-TTL, Manual
Battery	Alkaline, Nickel-hydride, Oxyride, Lithium (FR6) batteries (4 X AA)
Lamp light voltage	Blinking: 285 V, On: 330 V
Color temperature	5600 ± 500 K
High-speed sync	Supported
Wireless mode	Supported (4 channels, 3 groups)
Dimension (W x H x D)	73 x 134 x 90mm
Weight (without battery)	346g (without battery)

Be creative with bouncing light effects

With Samsung SEF580A Flash, you can adjust the flash head vertical(Up 90 °) and horizontal(Left 180 °, Right 120 °) direction to bounce the flash.

Multi-flash mode that incorporates the rhythmic movements

Multi-flash mode is suitable for motion analysis and special effects purposes, by applying several flash exposures at once when capturing a photo, (so you can shoot the moment moving at high speed via the NX series)

Go professional with Powerful lighting

In the A-TTL/Manual High-speed sync flash mode, you can use the flash at a faster shutter speed than at flash sync speed (and it offers a high intensity of light, which is far better than the built-in flash, and also provides greater control over the intensity levels.)

SEF220A

Lightweight and portable

By setting the Flash function to 22, the NX System can capture clear and vivid images while shooting portraits in low-light situations and with the night view background. What's more, you can control the flash intensity while minimizing the light saturation phenomenon.

Flash Type	A-TTL external auto flash	
Usable Camera	Samsung NX System Cameras	
Guide Number (Based on ISO 100)	Focal distance (converted into APS-C type)	28mm/55mm (35mm equivalent)
	Guide Number (G No.)	16/22
Bounce Flash Angle	Vertical bounce angle: 0°, 45°, 60°, 75°, 90°	
Burst Mode	A-TTL/Manual (MAX, 1/2, 1/4, 1/8, 1/16)	
Flash Metering Control	Auto	
Battery	AAA battery (2) : Alkaline, Ni-MH	
Dimension (W x H x D)	61 x 63 x 27.5mm	
Weight (without battery)	104g (without battery)	
Reasonable Temperature	0 ~ 40°C	
Reasonable Humidity	5 ~ 85%	

SEF8A (In-box)

Small but powerful

Set on Guide Number 8, this small and reliable flash provides you with a consistent shot every time. The most compact and lightweight in its class, the SEF8A is one flash you cannot do without.

Flash Type	A-TTL auto flash	
Usable Camera	Samsung NX System Cameras	
Guide Number (Based on ISO 100)	Angle of View Coverage	28mm wide-angle (35mm equivalent)
	Guide Number (G No.)	8
Flash Modes	A-TTL	
Flash Metering Control	Auto	
Flash Exposure Compensation	N/A (±2EV, 1/3Step, Camera control)	
Battery	Via the Hot shoe	
Dimension (W x H x D)	21.5 x 49.6 x 35.3mm	
Weight	24.6g	
Reasonable Temperature	0 ~ 40°C	
Reasonable Humidity	5 ~ 85%	

Samsung Accessory

EM10 External Microphone

Bring your videos to life with stereo sound

If you want to record high-quality audio, the External Microphone offers a stereo/zoom recording feature and live sound monitoring for clear and accurate playback. Plus, the NX System will power the mic and includes an earphone jack.

SR2NX02 Remote Switch

Keep your camera steady for every shot

Virtually eliminate camera shake with the NX System Remote Switch.

The Remote Switch gives you the freedom of snapping the perfect photo without having to stand behind the camera.

You can also lock the shutter for longer exposures and more detail.

NX System Filters

Add a new dimension to your photos with filters.

Samsung MC Protector : LF405PT / LF43PT / LF52PT / LF58PT / LF67PT

The multi-coated protector prevents scratching or any other type of physical damage to the exterior of the filter.

Samsung C-PL Filter : LF43PL / LF52PL / LF58PL

With these filters, you can virtually eliminate light reflections while reducing haze and sunlight glare.
The filters are also able to minimize reflections created by water or glass.

Without C-PL Filter

With C-PL Filter

Without C-PL Filter

With C-PL Filter

Samsung ND-4 Filter: LF405ND4 / LF43ND4 / LF52ND4 / LF58ND4

To reduce or modify the wavelength intensity or colors of light equally, choose from one of these filters. In addition, these filters will not change or distort the hue of color rendition. ND-4: 25% transmittance (f-stop reduction: 2)

Without ND-4 Filter

With ND-4 Filter

Without ND-4 Filter

With ND-4 Filter

SYSTEM DEVELOPMENT: NX30

Software CD-ROM (User Manual included)

USB Cable

User Manual Basic Operation

Strap

Hot Shoe Cover

Rechargeable Battery

Body Cap

New charger

SAMSUNG FLASH

SEF580A

SEF220A

SAMSUNG MC PROTECTOR

MC Protector 67mm

MC Protector 58mm

MC Protector 52mm

MC Protector 43mm

MC Protector 40.5mm

SAMSUNG C-PL FILTER

C-PL Filter 58mm

C-PL Filter 52mm

C-PL Filter 43mm

SAMSUNG ND-4 FILTER

ND-4 Filter 58mm

ND-4 Filter 52mm

ND-4 Filter 43mm

ND-4 Filter 40.5mm

BATTERY

BP1410

BATTERY CHARGER

BC4NX02

SD, SDHC, SDXC, microSD, microSDHC, microSDXC Memory Card

REMOTE SWITCH

SR2NX02

CARRYING CASE

CC3N90B

CC9N20B

CC1N15B

CC3N70B

SHOULDER STRAP

Premium Strap

SS3M50N

HAND GRIP

GGN10G

USB CABLE

CB5M05E

HDMI CABLE

CBHD10D HDMI Cable

SPECIFICATIONS

Image Sensor	Sensor Type	CMOS
	Sensor Size	23.5x15.7mm
	Effective Pixel	Approx. 20.3 Megapixels
	Total Pixel	Approx. 21.6 Megapixels
	Color Filter	RGB Primary Color Filter
Lens Mount	Mount	Samsung NX
	Useable lens	Samsung Lenses for Samsung NX Mount
Image Stabilization	Type	Lens Shift (dsponds on Lens)
	Mode	OIS Mode1/Mode 2/OFF
Distortion Correct	Mode	LCD On / Off(depends on Lens)
i-Function		i-Depth
		i-Zoom (x1.2,1.4,1.7,2.0)
		i-Contrast
Dust Reduction	Type	Super Sonic Drive
Display	Type	Super AMOLED with Touch Panel (C-Type Touch Control Enabled) and Swivel (Horizontal : 180degree, Vertical : 270degree)
	Size	76.7mm (3.0")
	Resolution	FVGA (720x480) 1037k dots(S-Stripe)
	Field of View	Approx. 100%
	User Display	Grid (4types), Histgram, Icons : On/Off, Distance Scale : ft / m / Off, Electronic Level, Overexposure Guide
Viewfinder	Type	Tiltable EVF w/ Eye Contact Sensor
	Resolution	XGA (1024x768) 2.359k dots
	Field of View	Approx. 100%
	Magnification	Approx. 0.96x (Equivalent to a 50mm lens)
	Eyepoint	Approx. 18.5mm
	Dioptor Adjustment	Approx. -4.0~ +1.0mm-1
Focusing	Type	Hybrid AF (Phase&Contrast)
	Focusing point	Total AF Point : 105points (Phase Detection AF), 247points (Contrast AF), Selection : 1point (Free selection), Multi : Normal 21(3x7)points, Closeup 35points, Face Detection : Max. 10 faces
	Mode	Single AF, Continuous AF, MF, Touch AF&Shutter
	AF-assist Lamp	Yes
Shutter Speed	Type	Electronically Controlled Vertical-Run Focal Plane Shutter
	Speed	Auto : 1/8000sec. ~ 1/4sec. (EFS available), Manual : 1/8000sec. ~ 30sec. (1/3EV step) (EFS available), Bulb (Limit time : 4min.)
Exposure	Metering System	TTL 221(17x13) Block segment, Metering : Multi, Center-weighted, Spot, Metering range : EV -3 ~ 18 (ISO 100 · 30mm, F2
	Compensation	±3 EV (1/3EV step)
	AE Lock	AEL Button
	ISO Equivalent	Auto, 100, 200, 400, 800, 1600, 3200, 6400, 12800, 25600 (1 or 1/3EV step), * AUTO ISO upper level is selectable. (Up to ISO3200)
Drive Mode	Mode	Single, Continuous, Burst (5M size only), Self-timer, Bracket (AEWB/PW/Depth)
	Continuous	JPEG : High(9fps) , Normal(4fps) selectable, Burst : 10, 15, 30fps selectable , RAW : High(9fps), Normal(4fps) selectable
	Bracket	Auto Exposure Bracket (±3EV), WB, PW, Depth
	Self-timer	2 - 30sec. (1sec. step)
	Remote Controller	via Micro USB port
Flash	Type	A-TTL Pop-up flash
	Mode	Smart Flash, Auto, Auto+Red-eye reduction, Fill-in, Fill-in+Red-eye reduction, 1st Curtain, 2nd Curtain, Off
	Guide Number	11 (at ISO 100)
	Angle of View Coverage	28mm Wide-Angle (Equivalent to 35mm)
	Sync. Speed	Less than 1/200sec.
	Flash Compensation	-2 ~ +2 EV (0.5 EV step)
	Internal Flash	Yes
	External Flash	Samsung External Flash available
	Synchro (Flash attachment)	Hot Shoe
White Balance	Mode	Auto, Daylight, Cloudy, Fluorescent (W, N, D), Tungsten, Flash, Custom, K(Manual)
	Micro Adjustment	Each 7 Steps in Amber / Blue / Green / Magenta Axis
Dynamic Range Expansion		Off / Smart Range+ / HDR
Picture Wizard	Mode	Standard, Vivid, Portrait, Landscape, Forest, Retro, Cool, Calm, Classic, Custom (1~3)
	Parameter	Contrast, Sharpness, Saturation, Color
Shooting	Mode	Smart Auto, Program, Aperture Priority, Shutter Priority, Manual, Custom1, Custom 2, Lens Priority, Smart, Wi-Fi
	Smart mode	Beauty Face, Landscape, Macro, Action Freeze, Rich Tone, Panorama, Waterfall, Silhouette, Sunset, Night, Fireworks, Light Trace, Creative Shot, Best Face, Multi-Exposure, Smart Jump Shot
	Smart Filter	Vignetting, Miniature, Colored Pencil, Watercolor, Wash Drawing, Oil Sketch, Ink Sketch, Acryl, Negative, Selective Color (R/G/B/Y 4 Colors)
	Image Size	●JPEG (3:2):20.0M (5472x3648), 10.1M (3888x2592), 5.9M (2976x1984), 2.0M (1728x1152), 5.0M (2736x1824): Burst mode only. ●JPEG (16:9):16.9M (5472x3080), 7.8M (3712x2088), 4.9M (2944x1656), 2.1M (1920x1080). ●JPEG (1:1):13.3M (3648x3648), 7.0M (2640x2640), 4.0M (2000x2000), 1.1M (1024x1024), RAW : 20.0M (5472x3648). * 3D mode with 3D lens is available only with JPEG (16:9) 4.1M (2688x1512) or 2.1M (1920x1080)
	Quality	Super fine , Fine, Normal
	RAW Format	SRW(ver.2.0.0)
	Color Space	sRGB, Adobe RGB
Movie Clip	Format	MP4 (H.264)
	Compression	Movie: H.264 / Sound: AAC
	Mode	Program, Aperture Priority, Shutter Priority, Manual
	Recording	Audio On/Off (Shooting time: Max. 29' 59")
	Smart Filter	Vignetting, Miniature, Colored Pencil, Watercolor, Wash Drawing, Oil Sketch, Ink Sketch, Acryl, Negative, Selective
	Image Size	1920x1080, 1920x810, 1280x720 , 640x480, 320x240(for Sharing)
	Frame Rate	60fps, 30fps, 24fps(1920x810 Only), (* 3D : 30fps Only)
	Multi-Motion Recording	x0.25 (640, 320 only), x0.5 (1280, 640, 320 only), x5, x10, x20
	Quality	High Quality , Normal
	Sound	Stereo Sound (w/ Input Level Adjustment, Audio Level Display)
	Movie Editing	Still Image Capture / Time Trimming
Image Play	Type	Single image, Thumbnails (15/24 images), Slide show, Movie
	Editing	Smart Filter, Red-eye fix, Resize, Rotate, Face Retouch, Brightness, Contrast
	Smart Filter	Vignetting, Miniature, Colored Pencil, Watercolor, Wash Drawing, Oil Sketch, Ink Sketch, Acryl, Negative, Selective Color (R/G/B/Y 4 Colors)
Storage	Media	SD, SDHC, SDXC, UHS-1 Support
	File format	RAW (SRW ver2.0.0), JPEG (EXIF 2.3), MPO(for 3D), DCF
	Capacity (2GB)	20.0M : RAW 57 20.0M (3:2) : Super Fine 150, Fine 180, Normal 224 10.1M (3:2) : Super Fine 271, Fine 325, Normal 405 5.9M (3:2) : Super Fine 411, Fine 482, Normal 613 2.0M (3:2) : Super Fine 797, Fine 952, Normal 1180 Burst (5.0M) : Super Fine 464, Fine 555, Normal 690 16:9M (16:9) : Super Fine 174, Fine 209, Normal 261 7.8M (16:9) : Super Fine 335, Fine 401, Normal 498 4.9M (16:9) : Super Fine 471, Fine 564, Normal 701 2.1M (16:9) : Super Fine 781, Fine 933, Normal 1158 13.3M (1:1) : Super Fine 214, Fine 257, Normal 321 7.0M (1:1) : Super Fine 363, Fine 435, Normal 542 4.0M (1:1) : Super Fine 538, Fine 643, Normal 800 1.1M (1:1) : Super Fine 1030, Fine 1227, Normal 1519 Movie : 1920x1080 60p: High Quality 10m 10s, Normal 12m 43s 1920x1080 30p : High Quality 17m 41s, Normal 22m 9s 1920x810 24p : High Quality 21m 35s, Normal 27m 02s 1280x720 60p :High Quality 16m 51s, Normal 21m 6s 1280x720 30p :High Quality 29m 11s, Normal 36m 35s 640x480 30p : High Quality 120m 47s, Normal 153m 30s 320x240 30p : High Quality 218m 48s, Normal 278m 24s : These figures are measure under the Samsung standard.
Languages		30 Languages (Korean, English, Danish, German, Dutch, Swedish,Spanish, Italian, Czech, Frinch, Portuguese(Portugal), Portuguese(Brazil), Polish, Finnish, Russian, Norsk, Simplified/Traditional Chinese, Arabic, Persian, Turkish, Hebrew, Thai, Greek, Hungarian, Estonian, Lithuanian, Latvian, Serbian, Croatian)
NFC		Yes
Interface	Digital Output Connector	USB 2.0 (micro USB Jack)
	Video Output	NTSC,PAL HDMI1.4a
	External Release	Yes
	DC power input connector	DC 5.0V, 1A via Micro USB port
Power Source	Type	Rechargeable battery : BP1410 (1410mAh, 7.6V)
	Battery	180 min / 360 shots (CIPA Standard)
Physical Specification	Dimensions (W x H x D)	127 x 95.5 x 41.7mm (excluding the projection part)
	Weight	375 g (without battery)
	Operating Temperature	0~40 °C
	Operating Humidity	5~85%
S/W and PC OS	Bundle PC S/W	Adobe Photoshop Lightroom 5, iLauncher
Wireless	Wireless	IEEE 802.11b/g/n support Dual Channel (Smart Camera 3.0) . AutoShare . SNS & Cloud . Email . Auto Backup . Remote Viewfinder Pro . Mobile Link . Samsung Link . Group Share . Photo Beam . HomeSync . Baby Monitor
System requirement		
Windows	iLauncher	Intel® i5 3.3GHz or Higher AMD Phenom™ II x4 3.2GHz or higher Minimum 512MB RAM (1GB or more recommended) Windows 7 / 8 250MB of available hard-disk space (1GB and above recommend) USB 2.0 port CD-ROM drive nVIDIA Geforce 7600GT or higher / ATI X1600 series or higher 1024×768 pixels, 16-bit color display compatible monitor (1280x1024, 32-bit color display recommended) Microsoft DirectX 9.0c or later
Macintosh	iLauncher	Mac OS 10.5 or higher (except PowerPC) Minimum 256MB RAM (512MB or more recommended) Minimum 110MB of available hard-disk space USB 2.0 port CD-ROM drive

* Specifications are subject to change without prior notice. * All trademarks are the property of their respective owners. * For more information, please visit our website (www.samsung.com).

SYSTEM DEVELOPMENT: NX300M

Software CD-ROM (User Manual included)

External Flash

User Manual Basic Operation

USB Cable

Hot Shoe Cover

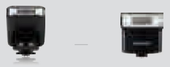
Rechargeable Battery

Strap

AC Power Cable

Body Cap

SAMSUNG FLASH



SEF8A (In-box)

SEF220A

SAMSUNG MC PROTECTOR

MC Protector 67mm

MC Protector 58mm

MC Protector 52mm

MC Protector 43mm

MC Protector 40.5mm

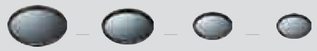
SAMSUNG C-PL FILTER

C-PL Filter 58mm

C-PL Filter 52mm

C-PL Filter 43mm

SAMSUNG ND-4 FILTER



ND-4 Filter 58mm

ND-4 Filter 52mm

ND-4 Filter 43mm

ND-4 Filter 40.5mm

EXTERNAL MICROPHONE

EM10

BATTERY

BP1130

BATTERY CHARGER

BC3NX01

REMOTE SWITCH

SR2NX02

CARRYING CASE

CC3N90N

CC9N20B

CC3N70B

CC3N50G

CC3N50P

JACKET CASE

CC1N15B

CJNX300

ACCESSORY KIT

AKNX01

AKNX02

SS3M35B/P/W

SS3M50N

SCREEN PROTECTOR

SPNX300

CABLE

CBHD10D (HDMI Cable)

CB5MU05B (USB Cable)

CB5MA11 (AV Cable)

SPECIFICATIONS

Image Sensor	Sensor Type	CMOS
	Sensor Size	23.5x15.7mm
	Effective Pixel	Approx 20.3 Megapixels
	Total Pixel	Approx 21.6 Megapixels
	Color Filter	RGB Primary Color Filter
Lens Mount	Mount	Samsung NX
	Available lens	Samsung Lenses for Samsung NX Mount
Image Stabilization	Type	Lens Shift (Depends on Lens)
	Mode	OIS Mode1 / Mode2 / OFF
Distortion Correct	Mode	LDC On / Off (depends on Lens)
i-Function		i-Depth, i-Zoom (x1.2, 1.4, 1.7, 2.0)
Dust Reduction	Type	Super Sonic Drive
Display	Type	AMOLED with Touch (C-type Touch Control Enabled) and 180°Flip & Tilt (Down 45°)
	Size	8.0mm (3.31")
	Resolution	WVGA (800X480) 768k dots (Pentile)
	Field of View	Approx. 100 %
	User Display	Grid (4types), Histgram, Icons(On/Off), Distance Scale(ft / m / Off), Level Guage
Focusing	Type	Phase Detection & Contrast AF
	Focusing point	Total AF Point : 105points (Phase Detection AF), 247points (Contrast AF) Selection : 1point (Free selection) Multi : Normal 21(3x7)points (Cross point 1), Closeup 35points Face Detection : Max. 10 faces
	Mode	Single AF, Continuous AF, MF, Touch AF&Shutter
	AF-assist Lamp	Yes
Shutter Speed	Type	Electronically controlled vertical-run focal plane shutter
	Speed	• Auto : 1/6000sec. ~ 30sec. • Manual : 1/6000sec. ~ 30sec. (1/3EV step) • Bulb (Limit time : 4min.)
Exposure	Metering System	TTL 221(17x13) Block segment Metering : Multi, Center-weighted, Spot Metering range : EV 0-18 (ISO 100 · 30mm, F2)
	Compensation	±3 EV (1/3EV step)
	AE Lock	CUSTOM Key applicable
	ISO Equivalent	• Auto, 100, 200, 400, 800, 1600, 3200, 6400, 12800, 25600 (1 or 1/3EV step) * AUTO ISO upper level is selectable. (Up to ISO3200)
Drive Mode	Mode	Single, Continuous, Burst (5M size only), Self-timer, Bracket (AE/WB/PW)
	Continuous	• JPEG : High(8.6fps) , Normal(up to 5fps) selectable • Burst : 10, 15, 30fps selectable, 30 shots by 1 release • RAW : High(8.6fps), Normal(up to 5fps) selectable
	Bracket	Auto Exposure Bracket (±3EV), WB, PW
	Self-Timer	2 - 30sec. (1sec. step)
	Remote Controller	via Micro USB port
Flash	Type	External Flash only (Bundle with SEF8A)
	Mode	Smart Flash, Auto, Auto+Red-eye reduction, Fill-in, Fill-in+Red-eye reduction, 1st Curtain, 2nd Curtain, Off
	Guide Number	8 (at ISO 100) (SEF8A)
	Angle of View Coverage	28mm wide-angle (Equivalent to 35mm)
	Sync. Speed	Less than 1/180sec.
	Flash Compensation	-2 - +2 EV (0.5 EV step)
	External flash	Samsung External Flash available
	Synchro (Flash attachment)	Hot shoe

White Balance	Mode	Auto, Daylight, Cloudy, Fluorescent (W, N, D), Tungsten, Flash, Custom, K(Manual)
	Micro adjustment	each 7 steps in Amber / Blue / Green / Magenta axis
Dynamic Range Expansion		Off/Smart Range+/HDR
Picture Wizard	Mode	Standard, Vivid, Portrait, Landscape, Forest, Retro, Cool, Calm, Classic, Custom (1~3)
	Parameter	Contrast, Sharpness, Saturation, Color
Shooting	Mode	Smart Auto, Program, Aperture Priority, Shutter Priority, Manual, Lens Priority, Smart
	Smart mode	Beauty Face, Landscape, Macro, Action Freeze, Rich Tone, Panorama, Waterfall, Silhouette, Sunset, Night, Fireworks, Light Trace, Creative Shot, Best Face
	Smart Filter	Vignetting, Minature, Colored Pencil, Watercolor, Wash Drawing, Oil Skotch, Ink Sketch, Acryl, Negative, Selective Color (R/G/B/Y 4 Colors)
	Image Size	• JPEG (3:2):20.0M (5472x3648), 10.1M (3888x2592), 5.9M (2976x1984), 2.0M (1728x1152), 5.0M (2736x1824): Burst mode only • JPEG (16:9) : 16.9M (5472x3080), 7.8M (3712x2088), 4.9M (2944x1656), 2.1M (1920x1080) JPEG (1:1) : 13.3M (3648x3648), 7.0M (2640x2640), 4.0M (2000x2000), 1.1M (1024x1024) • RAW : 20.0M (5472x3648) * 3D Lens Image Size : JPEG (16:9) 4.1M (2688x1512) (16:9) 2.1M (1920x1080)
	Quality	Super fine , Fine, Normal
	RAW standard	SRW (ver.2.0.0)
	Color space	sRGB, Adobe RGB
Image Play	Type	Single image, Thumbnails (15/28 images), Slide show, Movie
	Editing	Smart Filter, Red-eye fix, Resize, Rotate, Face Retouch, Brightness, Contrast
	Smart Filter	Vignetting, Minature, Colored Pencil, Watercolor, Wash Drawing, Oil Sketch, Ink Sketch, Acryl, Negative, Selective Color (R/G/B/Y 4 Colors)
Movie Clip	Format	MP4 (H.264)
	Compression	Movie : H.264 , Sound : AAC
	Mode	Program, Aperture Priority, Shutter Priority, Manual
	Recording	Audio on/off (recording time : max. 29 minutes 59 seconds)
	Smart Filter	Vignetting, Minature, Colored Pencil, Watercolor, Wash Drawing, Oil Sketch, Ink Sketch, Acryl, Negative, Selective Color (R/G/B/Y 4 Colors) (1920x1080, 1280x720, 640x480, 320x240)
	Image Size	1920x1080, 1920x810, 1280x720 , 640x480, 320x240 for Sharing
	Frame Rate	60fps, 30fps, 24fps(1920x810 Only), 15fps (available only with some Smart Filter options)
	Multi-Motion Recording	x0.25 (640, 320 only), x0.5 (1280, 640, 320 only), x5, x10, x20
	Quality	High Quality , Normal
	Sound	Stereo Sound
	Movie Editing	Still Image Capture, Time Trimming
Storage	Media	SD, SDHC, SDXC, UHS-1 Support
	File Format	RAW (SRW ver2.0.0), JPEG (EXIF 2.21), MPO(for 3D), DCF, DPOF 1.1

	Capacity (2GB)	20.0M : RAW 69 20.0M (3:2) : Super Fine 151, Fine 179, Normal 218 10.1M (3:2) : Super Fine 276, Fine 321, Normal 384 5.9M (3:2) : Super Fine 423, Fine 484, Normal 565 2.0M (3:2) : Super Fine 845, Fine 923, Normal 1016 Burst (5.0M) : Super Fine 479, Fine 545, Normal 631 16.9M (16:9) : Super Fine 177, Fine 208, Normal 252 7.8M (16:9) : Super Fine 343, Fine 396, Normal 467 4.9M (16:9) : Super Fine 487, Fine 553, Normal 640 2.1M (16:9) : Super Fine 827, Fine 905, Normal 999 13.9M (1:1) : Super Fine 218, Fine 255, Normal 307 7.0M (1:1) : Super Fine 373, Fine 429, Normal 504 4.0M (1:1) : Super Fine 559, Fine 630, Normal 721 1.1M (1:1) : Super Fine 1111, Fine 1180, Normal 1258 Movie : 1920x1080 60p: High Quality 10m 10s, Normal 12m 43s 1920x1080 30p : High Quality 17m 41s, Normal 22m 9s 1920x810 24p : High Quality 21m 35s, Normal 27m 2s 1280x720 60p :High Quality 16m 51s, Normal 21m 6s 1280x720 30p : High Quality 29m 11s, Normal 36m 35s 640x480 30p : High Quality 122m 47s, Normal 153m 30s 320x240 30p : High Quality 218m 48s, Normal 278m 24s : These figures are measure under the Samsung standard.
Languages		29 Languages (Korean, English, Danish, German, Dutch, Swedish, Spanish, Italian, Czech, French, Portuguese, Polish, Finnish, Russian, Norsk, Simplified/Traditional Chinese, Arabic, Persian, Turkish, Hebrew, Thai, Greek, Hungarian, Estonian, Lithuanian, Latvian, Serbian, Croatian)
GPS	Type	Geo-tagging w/ Optional GPS Module (WGS84)
NFC		Yes
Interface	Digital Output Connector	USB 2.0 (micro USB Jack)
	Video Output	NTSC, PAL, HDMI 1.4a
	External Release	Yes
	DC Power Input Connector	DC 5.0V, 1A via Micro USB port
Power	Type	Rechargeable battery : BP1130 (1130mAh)
	Battery	165 min / 330 shots (CIPA Standard)
Physical Specification	Dimension(WxHxD)	122 x 63.7 x 42.7mm (excluding the projection part)
	Weight	310 g (without battery)
	Operating Temperature	0 - 40 °C
	Operating Humidity	5 - 85 %
S/W and PC OS	Bundle PC S/W	Adobe Photoshop Lightroom 5, iLauncher
Wireless	Wireless	IEEE 802.11b/g/n support Dual Channel , AutoShare , SNS & Cloud , Auto Backup , Remote Viewfinder , Mobile Link , Wi-Fi Direct , AllSharePlay , Email
System Requirement	Windows iLauncher iLauncher	Intel® i5 3.3GHz or Higher AMD Phenom™ II x4 3.2GHz or higher Minimum 512MB RAM (1GB or more recommended) Windows XP SP2 / Vista / 7 / 8 250MB of available hard-disk space (1GB and above recommend) USB 2.0 port CD-ROM drive nVIDIA Geforce 7600GT or higher / ATI X1600 series or higher 1024×768 pixels, 16-bit color display compatible monitor (1280x1024, 32-bit color display recommended) Microsoft DirectX 9.0c or later
	Macintosh iLauncher	Mac OS 10.5 or higher (except PowerPC) Minimum 256MB RAM (512MB or more recommended) Minimum 110MB of available hard-disk space USB 2.0 port CD-ROM drive

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SYSTEM DEVELOPMENT: NX300

Software CD-ROM (User Manual included)

External Flash

User Manual Basic Operation

USB Cable

Hot Shoe Cover

Rechargeable Battery

Strap

AC Power Cable

Body Cap

SAMSUNG FLASH

SEF8A (In-box)

SEF220A

SAMSUNG MC PROTECTOR

MC Protector 67mm

MC Protector 58mm

MC Protector 52mm

MC Protector 43mm

MC Protector 40.5mm

SAMSUNG C-PL FILTER

C-PL Filter 58mm

C-PL Filter 52mm

C-PL Filter 43mm

SAMSUNG ND-4 FILTER

ND-4 Filter 58mm

ND-4 Filter 52mm

ND-4 Filter 43mm

ND-4 Filter 40.5mm

EXTERNAL MICROPHONE

EM10

BATTERY

BP1130

BATTERY CHARGER

BC3NX01

REMOTE SWITCH

SR2NX02

CARRYING CASE

CC3N90N

CC9N20B

CC3N70B

CC3N50G

CC3N50P

JACKET CASE

CC1N15B

CJNX300

ACCESSORY KIT

AKNX01

AKNX02

SCREEN PROTECTOR

SS3M35B/P/W

SS3M50N

SPNX300

CABLE

CBHD10D (HDMI Cable)

CB5MU05B (USB Cable)

CB5MA11 (AV Cable)

SPECIFICATIONS

Image Sensor	Sensor Type	CMOS
	Sensor Size	23.5x15.7mm
	Effective Pixel	Approx 20.3 MP
	Total Pixel	Approx 21.6 MP
	Color Filter	RGB Primary Color Filter
Lens	Usable Lens	Samsung Lenses for Samsung NX Mount
	Mount	Samsung NX
Image Stabilization	Type	Lens Shift (Depends on Lens)
	Mode	OIS Mode1 / Mode2 / OFF
Distortion Correct	Mode	LDC On / Off (dipends on Lens)
i-Function		i-Depth, i-Zoom (x1.2, 1.4, 1.7, 2.0)
Dust Reduction	Type	Supersonic drive Dust Reduction Type
Display	Type	AMOLED with Touch (C-type Touch Control Enabled) and Tilt (Up 90°, Down 45°)
	Size	8.0mm (3.31")
	Resolution	WVGA (800X480) 768k dots (Pentile)
	Field of View	Approx. 100%
	User display	Grid (4types), Histgram, Icons(On/Off), Distance Scale(f/ f m / Off), Level Guage
Focusing	Type	Phase Detection & Contrast AF
	Mode	Single AF, Continuous AF, MF, Touch AF&Shutter
	Focusing point	• Total AF Point : 105points (Phase Detection AF), 247points (Contrast AF) • Selection : 1point (Free selection) • Multi : Normal 21(3x7)points (Cross point 1), Closeup 35points • Face Detection : Max. 10 faces
	AF-Assist Lamp	AF-Assist Lamp available
Shutter Speed	Type	Electronically controlled vertical-run focal plane shutter
	Speed	• Auto: 1/6,000~30 sec. • Manual: 1/6,000~30 sec. (1/3 EV Step) • Bulb (time limit: 4 min)
Exposure	Metering System	• TTL 221(17x13) Block segment • Metering : Multi, Center-weighted, Spot • Metering range : EV 0-18 (ISO 100 · 30mm, F2)
	Compensation	±3 EV (1/3EV step)
	AE Lock	CUSTOM Key applicable
	ISO Equivalent	Auto, 100, 200, 400, 800, 1600, 3200, 6400, 12800, 25600 (1 or 1/3EV step) * AUTO ISO upper level is selectable. (Up to ISO3200)
Drive Mode	Mode	Single, Continuous, Burst (5M size only), Self-timer, Bracket (AE/WB/PW)
	Continuous	• JPEG : High(8.6fps) , Normal(up to 5fps) selectable • Burst : 10, 15, 30fps selectable, 30 shots by 1 • release RAW : High(8.6fps), Normal(up to 5fps)table
	Bracket	Auto Exposure Bracket (±3EV), WB, PW
	Self-Timer	2 - 30sec. (1sec. step)
	Remote Controller	via Micro USB port
Flash	Type	External Flash only (Bundle with SEFBA)
	Mode	Smart Flash, Auto, Auto+Red-eye reduction, Fill-in, Fill-in+Red-eye reduction, 1st Curtain, 2nd Curtain, Off
	Guide Number	8 (at ISO 100) (SEFBA)
	Angle of View Coverage	28mm wide-angle (Equivalent to 35mm)
	Sync. Speed	Less than 1/180 sec.

Flash	Flash Compensation	-2 - +2EV (1/2EV step)
	External Flash	Samsung External Flash available
	Synchro (Flash attachment)	Hot Shoe
White Balance	Mode	Auto, Daylight, Cloudy, Fluorescent (W, N, D), Tungsten, Flash, Custom, K(Manual)
	Micro Adjustment	each 7 steps in Amber / Blue / Green / Magenta axis
Dynamic Range Expansion		OFF / Smart Range+ / HDR
Picture Wizard	Mode	Standard, Vivid, Portrait, Landscape, Forest, Retro, Cool, Calm, Classic, Custom (1~3)
	Parameter	Contrast, Sharpness, Saturation, Color
Shooting	Mode	Smart Auto, Program, Aperture Priority, Shutter Priority, Manual, Lens Priority, Smart
	Smart mode	Beauty Face, Landscape, Macro, Action Freeze, Rich Tone, Panorama, Waterfall, Silhouette, Sunset, Night, Fireworks, Light Trace, Creative Shot, Best Face
	Smart Filter	Vignetting, Minature, Colored Pencil, Watercolor, Wash Drawing, Oil Sketch, Ink Sketch, Acryl, Negative, Selective Color (R/G/B/Y 4 Colors)
	Image Size	• JPEG (3:2) : 20.0M (5472x3648), 10.1M (3888x2592), 5.9M (2976x1984), 2.0M (1728x1152), 5.0M (2736x1824): Burst mode only • JPEG (16:9) : 16.9M (5472x3080), 7.8M (3712x2088), 4.9M (2944x1656), 2.1M (1920x1080) • JPEG (1:1) : 13.3M (3648x3648), 7.0M (2640x2640), 4.0M (2000x2000), 1.1M (1024x1024) • RAW : 20.0M (5472x3648) * 3D Lens Image Size : JPEG (16:9) 4.1M (2688x1512), (16:9) 2.1M (1920x1080)
	Quality	Super fine , Fine, Normal
	RAW Format	SRW(ver.2.0.0)
	Color Space	sRGB, Adobe RGB
Image Play	Type	Single image, Thumbnails (15/28 images), Slide show, Movie
	Editing	Smart Filter, Red-eye fix, Resize, Rotate, Face Retouch, Brightness, Contras
	Smart Filter	Vignetting, Minature, Colored Pencil, Watercolor, Wash Drawing, Oil Sketch, Ink Sketch, Acryl, Negative, Selective Color (R/G/B/Y 4 Colors)
Movie Clip	Format	MP4 (H.264)
	Compression	Movie : H.264 , Sound : AAC
	Mode	Program, Aperture Priority, Shutter Priority, Manual
	Recording	Audio on/off (recording time : max. 29 minutes 59 seconds)
	Smart Filter	Vignetting, Minature, Colored Pencil, Watercolor, Wash Drawing, Oil Sketch, Ink Sketch, Acryl, Negative, Selective Color (R/G/B/Y 4 Colors) (1920x1080, 1280x720, 640x480, 320x240)
	Image Size	1920x1080, 1920x810, 1280x720 , 640x480, 320x240 for Sharing
	Frame Rate	60fps, 30fps, 24fps(1920x810 Only), 15fps (available only with some Smart Filter options)
	Multi-Motion Recording	x0.25 (640, 320 only), x0.5 (1280, 640, 320 only), x5, x10, x20
	Quality	High Quality , Normal
	Sound	Stereo Sound
	Movie Editing	Still Image Capture, Time Trimming

Storage	File Format	RAW (SRW ver2.0.0), JPEG (EXIF 2.21), MPO(for 3D), DCF, DPOF 1.1
	Capacity (2GB)	20.0M:RAW 69 20.0M (3:2):Super Fine 151, Fine 179, Normal 218 10.1M (3:2):Super Fine 276, Fine 321, Normal 384 5.9M (3:2):Super Fine 423, Fine 484, Normal 565 2.0M (3:2):Super Fine 845, Fine 923, Normal 1016 Burst (5.0M):Super Fine 479, Fine 545, Normal 631 16.9M (16:9):Super Fine 177, Fine 208, Normal 252 7.8M (16:9):Super Fine 343, Fine 396, Normal 467 4.9M (16:9):Super Fine 487, Fine 559, Normal 640 2.1M (16:9):Super Fine 827, Fine 955, Normal 999 13.3M (1:1):Super Fine 218, Fine 255, Normal 307 7.0M (1:1):Super Fine 373, Fine 429, Normal 504 4.0M (1:1):Super Fine 559, Fine 630, Normal 721 1.1M (1:1):Super Fine 1111, Fine 1180, Normal 1258 Movie: 1920x1080 60p:High Quality 10m 10s, Normal 12m 43s 1920x1080 30p:High Quality 17m 41s, Normal 23m 9s 1920x810 24p:High Quality 21m 35s, Normal 27m 2s 1280x720 60p:High Quality 16m 51s, Normal 21m 6s 1280x720 30p:High Quality 29m 11s, Normal 36m 35s 640x480 30p:High Quality 120m 47s, Normal 153m 30s 320x240 30p:High Quality 218m 48s, Normal 278m 24s ※ These figures are measure under the Samsung standard.
Languages		29 Languages (Korean, English, Danish, German, Dutch, Swedish, Spanish, Italian, Czech, Finnch, Portuguese, Polish, Finnish, Russian, Norsk, Simplified/Traditional Chinese, Arabic, Persian, Turkish, Hebrow, Thai, Greek, Hungarian, Estonian, Lithuanian, Latvian, Serbian, Croatian)
GPS	Type	Geo-tagging w/ Optional GPS Module (WGS84)
NFC		Yes
Interface	Digital Output Connector	USB 2.0 (micro USB Jack)
	Video output	NTSC, PAL, HDMI 1.4a
	External Release	Yes
	DC Power Input Connector	DC 5.0V, 1A via Micro USB port
Power	Power Source / Type	Rechargeable battery: BP1130 (1130 mAh)
	Battery	165 min / 330 shots (CIPA Standard)
Physical Specification	Dimension (WxHxD)	122 x 63.7 x 40.7mm(excluding the projection part)
	Weight	284 g (without battery)
	Operating Temperature	0 - 40 °C Operating Temperature
	Operating Humidity	5 - 85 % Operating Humidity
S/W and PC OS	Bundle PC S/W	Adobe Photoshop Lightroom, iLauncher
Wireless	Wireless	IEEE 802.11b/g/n support Dual Channel , AutoShare , SNS & Cloud , Auto Backup , Remote Viewfinder , Mobile Link , Wi-Fi Direct , AllSharePlay , Email
System Requirement		
Windows	iLauncher	Intel® i5 3.3GHz or Higher AMD Phenom™ II x4 3.2GHz or higher Minimum 512MB RAM (1GB or more recommended) Windows XP SP2 / Vista / 7 / 8 250MB of available hard-disk space (1GB and above recommend) USB 2.0 port CD-ROM drive nVIDIA Geforce 7600GT or higher / ATI X1600 series or higher 1024×768 pixels, 16-bit color display compatible monitor (1280x1024, 32-bit color display recommended) Microsoft DirectX 9.0c or later
Macintosh	iLauncher	Mac OS 10.5 or higher (except PowerPC) Minimum 256MB RAM (512MB or more recommended) Minimum 110MB of available hard-disk space USB 2.0 port CD-ROM drive

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SYSTEM DEVELOPMENT: NX2000

Camera
(induding the body cap and hot shoe cover)

AC adapter/ USB cable

Rechargeable Battery

External Flash

Software CD-ROM
(User manual included)

Adobe Photoshop Lightroom DVD-ROM

Quick Start Guide

Strap

SAMSUNG FLASH

SEF8A
(In-box)

SEF220A

SAMSUNG MC PROTECTOR

MC Protector
67mm

MC Protector
58mm

MC Protector
52mm

MC Protector
43mm

MC Protector
40.5mm

SAMSUNG C-PL FILTER

C-PL Filter
58mm

C-PL Filter
52mm

C-PL Filter
43mm

SAMSUNG ND-4 FILTER

ND-4 Filter
58mm

ND-4 Filter
52mm

ND-4 Filter
43mm

ND-4 Filter
40.5mm

EXTERNAL MICROPHONE

EM10

BATTERY

BP1130

BATTERY CHARGER

BC3NX01

REMOTE SWITCH

SR2NX02

CARRYING CASE

CC3N90N

CC9N20B

CC3N70B

CC3N50G

CC3N50P

JACKET CASE

CC1N15B

CJNX2KN/P/Y

ACCESSORY KIT

AKNX01

AKNX02

AKNX2000

SS3M35B/P/W

SS3M50N

SCREEN PROTECTOR

SPNX300

CABLE

CBHD10D
(HDMI Cable)

CB5MU05B
(USB Cable)

CB5MA11
(AV Cable)

SPECIFICATIONS

Image Sensor	Sensor Type	CMOS
	Sensor Size	23.5 x 15.7 mm
	Effective Pixel	Approx 20.3 Megapixels
	Total Pixel	Approx 21.6 Megapixels
	Color Filter	RGB Primary Color Filter
Lens	Mount	Samsung NX Mount
	Usable Lens	Samsung Lenses
Image Stabilization	Type	Lens Shift (Depends on Lens)
	Mode	OIS Mode1 / Mode2 / OFF
Distortion Correct	Mode	LDC On / Off (Depends on Lens)
i-Function		i-Zoom (X1.2 , 1.4, 1.7, 2.0)
Dust Reduction	Type	Super Sonic Drive
Display	Type	TFT-LCD with Touch Panel (C-type Touch Control Enabled)
	Size	93.8mm (3.7")
	Resolution	WVGA (800X480) 1,152k dots
	Field of View	Approx. 100 %
	User Display	Grid Line, Icons, Histogram, Distance Scale, Level gauge
Focusing	Type	Contrast AF
	Focusing point	• Selection : 1point (Free selection) • Multi : Normal 21points, Closeup 35points Face • Detection : Max. 10 faces Object Tracking AF
	Mode	Single AF, Continuous AF, MF, Touch AF&Shutter
	AF-assist Lamp	Yes
Shutter Speed	Type	Electronically controlled vertical-run focal plane shutter
	Speed	• Auto : 1/4000sec. ~ 30sec. • Manual : 1/4000sec. ~ 30sec (1/3EV step) • Bulb (Limit time : 4min.)
Exposure	Metering System	TTL 221(17x13) Block segment Metering : Multi, Center-weighted, Spot Metering range : EV 0-18 (ISO 100 · 30mm, F2)
	Compensation	±3 EV (1/3 EV Step)
	AE Lock	Custom button
	ISO Equivalent	Auto, 100~25600 (1 or 1/3EV step) * AUTO ISO upper level is selectable. (Up to ISO 3200)
Drive Mode	Mode	Single, Continuous, Burst (5M size only), Self-timer, Bracket (AE/ WB/PW)
	Continuous	• JPEG : High(8fps) , Normal(5fps) selectable • Burst : 10, 15, 30fps selectable, 30 shots by 1 release • RAW : High(8fps), Normal(5fps) selectable
	Bracket	Auto Exposure Bracket (± 3 EV) / WB / PW
	Self-timer	2 ~ 30 sec (1 sec Step)
	Remote Controller	SR2NX02 (via Micro USB port) (Optional)
Flash	Type	External Flash only (Bundle with SEF8A)
	Mode	Smart Flash, Auto, Auto+Red-eye reduction, Fill-in, Fill-in+Red-eye reduction, 1st Curtain, 2nd Curtain, Off
	Guide Number	8 (at ISO 100) (SEF8A)
	Angle of View Coverage	28mm Wide-Angle (Equivalent to 35mm)
	Sync. Speed	Less than 1/180 sec
	Flash Compensation	-2 ~ +2EV (1/2EV step)
	External Flash	Samsung External Flash available
	Synchro (Flash attachment)	Hot Shoe
White Balance	Mode	Auto, Daylight, Cloudy, Fluorescent (W, N, D), Tungsten, Flash, Custom, K(Manual)
	Micro adjustment	Each 7 Steps in Amber / Blue / Green / Magenta Axis
Dynamic Range		Off/Smart Range+/i-HDR
Picture Wizard	Mode	Standard, Vivid, Portrait, Landscape, Forest, Retro, Cool, Calm, Classic, Custom (1~3)
	Parameter	Contrast, Sharpness, Saturation, Color
Shooting	Mode	Auto, Smart, Expert(Program, Aperture Priority, Shutter Priority, Manual, Custom), Wi-Fi
	Smart mode	Beauty Face, Landscape, Macro, Action Freeze, Rich Tone, Panorama, Waterfall, Silhouette, Sunset, Night, Fireworks, Light Trace, Creative Shot, Best Face
	Smart Filter	Vignetting, Minature, Colored Pencil, Watercolor, Wash Drawing, Oil Sketch, Ink Sketch, Acryl, Negative, Selective Color (R/G/B/Y 4 Colors)
	Size	• JPEG (3:2) : 20.0M (5472x3648), 10.1M (3888x2592), 5.9M (2976x1984), 2.0M (1728x1152), 5.0M (2736x1824): Burst mode only • JPEG (16:9) : 16.9M (5472x3080), 7.8M (3712x2088), 4.9M (2944x1656), 2.1M (1920x1080) JPEG (1:1) : 13.3M (3648x3648), 7.0M (2640x2640), 4.0M (2000x2000), 1.1M (1024x1024) • RAW : 20.0M (5472x3648) * 3D using 45mm 2D/3D Image Size : JPEG (16:9) 4.1M (2688x1512), (16:9) 2.1M (1920x1080)
	Quality	Super fine , Fine, Normal
	RAW standard	SRW(ver 2.0.0)
	Color space	sRGB / Adobe RGB
Image Play	Type	Movie / Single Image / Slide Show / Thumbnails (15 / 28 Images)
	Editing	Face Retouch / Photo Style Selector / Red Eye Fix / Resize / Rotate
	Smart Filter	Vignetting, Minature, Colored Pencil, Watercolor, Wash Drawing, Oil Sketch, Ink Sketch, Acryl, Negative, Selective Color (R/G/B/Y 4 Colors)
Movie Clip	Format	MP4 (H.264)
	Compression	Movie : H.264 , Sound : AAC
	Mode	Program, Aperture Priority, Shutter Priority, Manual
	Recording	With Audio or without Audio (user selectable, recording time : 29 minutes 59 seconds)
	Smart Filter	Vignetting, Minature, Colored Pencil, Watercolor, Wash Drawing, Oil Sketch, Ink Sketch, Acryl, Negative, Selective Color (R/G/B/Y 4 Colors)
	Image Size	1920x1080, 1920x810, 1280x720 , 640x480, 320x240 for Sharing (Default : 1920x1080) (* 1920x1080 only with 3D lens)
	Frame Rate	30fps, 24fps(1920x810 Only) (* 3D Lens 30fps Only)
	Multi-Motion Recording	x0.25(640X480, 320X240 only),x0.5(1280X720(30 fps), 640X480, 320X240 only), x1, x5, x10, x20
	Quality	High Quality , Normal
	Sound	Stereo Sound
	Movie Editing	Still Image Capture, Time Trimming
Storage	Media	microSD, microSDHC, microSDXC, UHS-1 microSD Support
	File Format	RAW (SRW ver2.0.0), JPEG (EXIF 2.21), MPO(3D), MP4(Movie), DCF, DPOF 1.1
	Capacity (2GB)	20.0M : RAW 39 20.0M (3:2) : Super Fine 130, Fine 163, Normal 217 10.1M (3:2) : Super Fine 277, Fine 356, Normal 505 5.9M (3:2) : Super Fine 471, Fine 570, Normal 727 2.0M (3:2) : Super Fine 1053, Fine 1426, Normal 1941 Burst (5.0M) : Super Fine 430, Fine 514, Normal 638 16.9M(16:9) : Super Fine 153, Fine 190, Normal 251 7.8M (16:9) : Super Fine 346, Fine 417, Normal 568 4.9M (16:9) : Super Fine 512, Fine 670, Normal 896 2.1M (16:9) : Super Fine 1015, Fine 1349, Normal 1700 13.3M (1:1) : Super Fine 217, Fine 227, Normal 284 7.0M (1:1) : Super Fine 336, Fine 465, Normal 592 4.0M (1:1) : Super Fine 559, Fine 752, Normal 1203 1.1M (1:1) : Super Fine 2148, Fine 2471, Normal 2819 Movie : 1920x1080 30p : High Quality 17m 21s, Normal 21m 44s 1920x810 24p : High Quality 21m 11s, Normal 26m 31s 1280x720 60p : High Quality 16m 33s, Normal 20m 42s 1280x720 30p : High Quality 28m 36s, Normal 35m 53s 640x480 30p : High Quality 70m 48s, Normal 88m 58s 320x240 30p : High Quality 213m 41s, Normal 271m 09s : These figures are measure under the Samsung standard.
Languages	29 Languages (Korean, English, Danish, German, Dutch, Swedish, Spanish, Italian, Czech, French, Portuguese, Polish, Finnish, Russian, Norsk, Simplified/Traditional Chinese, Arabic, Persian, Turkish, Hebrew, Thai, Greek, Hungarian, Estonian, Lithuanian, Latvian, Serbian, Croatian)	
GPS	Type	Geo-tagging w/ Optional GPS Module (WGS84)
	Feature	Location Name(OSD) (English and Korean only)
NFC		Yes
Interface	Digital Output Connector	USB 2.0 (micro USB Jack)
	Video output	NTSC, PAL (user selectable) , HDMI (1.4a)
	External Release	Yes
	DC Power Input Connector	DC 5.0V, 1A via Micro USB port
Power	Type	Rechargeable battery : BP1130 (1130mAh)
	Battery	170 min / 340 shots (CIPA Standard)
Physical Specification	Dimension (WxHxD)	119 x 64.5 x 35.7 (21.9) mm (excluding the projection part)
	Weight	228 g (without battery)
	Operating Temperature	0~40 °C
	Operating Humidity	5~85 %
S/W and PC OS	Bundle PC S/W	Adobe Lightroom, iLauncher
Wireless	Wireless	IEEE 802.11b/g/n support (Smart Camera 2.0) , AutoShare , SNS & Cloud (Microsoft Sky Drive and Cloud from other countries) , Email , Auto Backup , Remote Viewfinder (Touch AF and Video Quality change - QVGA - VGA) , Mobile Link , Wi-Fi Direct (playback) , Samsung Link (TV Link, Samsung Cloud)
System Requirement		
Windows	iLauncher	PC with processor better than Intel Core 2 Duo 2.0 GHz / AMD Phenom 2.4 GHz or higher Minimum 512MB RAM (Over 1GB recommended) Windows XP SP2 / Vista / 7 / 8 250MB of available hard-disk space (Over 1GB recommend) USB 2.0 port CD-ROM drive nVIDIA Geforce 7600GT or later / Ati X1600 series or later 1024×768 pixels, 16-bit color display compatible monitor (1280x1024, 32-bit color display recommended) Microsoft DirectX 9.0c or later
Macintosh	iLauncher	Mac OS 10.5 or higher (except PowerPC) Minimum 256MB RAM (Over 512MB recommended) Minimum 110MB of available hard-disk space USB 2.0 port CD-ROM drive

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